



LEGEND

- Approximate Subject Property Boundary —
- Former Gasoline UST
- Soil Boring ●
- Sub-Slab Vapor Sample ⊕
- Soil Gas Sample ⊕
- Inferred Direction of Groundwater Flow ➔



AEI CONSULTANTS

30 MONTGOMERY STREET, SUITE 220, JERSEY CITY, NEW JERSEY

SITE MAP

440 Exterior Street
Bronx, New York 10451

FIGURE 2
Project No. 347379

TABLES

TABLE 1: SOIL SAMPLE DATA SUMMARY
440 Exterior Street, Bronx, New York 10451

Analysis	Units	AEI-B1	AEI-B2	AEI-B3	AEI-B4	URU	RRU	CO	IU	NYCDP	PGW
		9/25/2015	9/25/2015	9/25/2015	9/25/2015	SCOs	SCOs	SCOs	SCOs	CP-51	SCC
		(feet bgs)	(feet bgs)	(feet bgs)	(feet bgs)						
VOCs via EPA Method 8260											
Tetrachloroethene	mg/kg	ND	0.0016	0.0051	ND	1.3	19	150	300	NS	1.3
Benzene	mg/kg	ND	ND	ND	0.037 J	0.06	4.8	44	89	0.06	0.06
Toluene	mg/kg	0.00074 J	ND	ND	0.062 J	0.7	100	500	1000	0.7	0.7
Ethylbenzene	mg/kg	ND	ND	ND	0.045 J	1	41	390	780	1	1
p/m-Xylene	mg/kg	ND	ND	ND	0.052 J	NS	NS	NS	NS	0.26	NS
o-Xylene	mg/kg	ND	ND	ND	0.022 J	NS	NS	NS	NS	0.26	NS
Xylenes, Total	mg/kg	ND	ND	ND	0.074 J	0.26	100	500	1000	0.26	1.6
Styrene	mg/kg	ND	ND	ND	0.086 J	NS	NS	NS	NS	NS	NS
Acetone	mg/kg	0.032	0.0035 J	0.0028 J	ND	0.05	100	500	1000	NS	0.05
2-Butanone	mg/kg	0.006 J	ND	ND	ND	0.12	100	500	1000	NS	0.12
n-Butylbenzene	mg/kg	ND	ND	ND	0.17	12	100	500	1000	12	12
sec-Butylbenzene	mg/kg	ND	ND	ND	0.12	11	100	500	1000	11	11
Isopropylbenzene	mg/kg	ND	ND	ND	0.093	NS	NS	NS	NS	2.3	2.3
p-Isopropyltoluene	mg/kg	ND	ND	ND	0.042 J	NS	NS	NS	NS	10	10
Naphthalene	mg/kg	0.0014 J	ND	ND	0.6	12	100	500	1000	12	12
n-Propylbenzene	mg/kg	ND	ND	ND	0.077 J	3.9	100	500	1000	3.9	3.9
1,2,4-Trimethylbenzene	mg/kg	ND	ND	ND	0.03 J	3.6	52	190	380	3.6	3.6
p-Diethylbenzene	mg/kg	0.00027 J	ND	ND	0.25 J	NS	NS	NS	NS	NS	NS
p-Ethyltoluene	mg/kg	0.00049 J	ND	ND	0.11 J	NS	NS	NS	NS	NS	NS
1,2,4,5-Tetramethylbenzene	mg/kg	ND	ND	ND	1.5	NS	NS	NS	NS	NS	NS
All Other VOCs	mg/kg	ND	ND	ND	ND	Various	Various	Various	Various	Various	Various
SVOCs via EPA Method 8270											
Acenaphthene	mg/kg	0.16	0.25	0.16	4.9	20	100	500	1000	20	98
Fluoranthene	mg/kg	0.12	3.4	0.24	8.5	100	100	500	1000	100	1000
Naphthalene	mg/kg	0.19	0.17	0.2	1.8	12	100	500	1000	12	12
Benzo(a)anthracene	mg/kg	0.12	1.7	0.12	5.7	1	1	5.6	11	1	1
Benzo(a)pyrene	mg/kg	0.16	1.7	0.14	6.8	1	1	1	1.1	1	22
Benzo(b)fluoranthene	mg/kg	0.12	2	0.16	4.6	1	1	5.6	11	1	1.7
Benzo(k)fluoranthene	mg/kg	ND	0.68	0.056 J	1.2	0.8	3.9	56	110	0.8	1.7
Chrysene	mg/kg	ND	1.6	0.11 J	6	1	3.9	56	110	1	1
Acenaphthylene	mg/kg	ND	ND	ND	8	100	100	500	1000	100	107
Anthracene	mg/kg	ND	0.39	0.044 J	1.9	100	100	500	1000	100	1000
Benzo(ghi)perylene	mg/kg	ND	1.1	0.12 J	5.6	100	100	500	1000	100	1000
Fluorene	mg/kg	ND	0.13 J	ND	6	30	100	500	1000	30	386
Phenanthrene	mg/kg	ND	1.2	0.15	1.4	100	100	500	1000	100	1000
Dibenzo(a,h)anthracene	mg/kg	ND	0.25	ND	0.82	0.33	0.33	0.56	1.1	0.33	1000
Indeno(1,2,3-cd)Pyrene	mg/kg	ND	1.1	0.11 J	3.2	0.5	0.5	5.6	11	0.5	8.2
Pyrene	mg/kg	0.053 J	3	0.22	20	100	100	500	1000	100	1000
All Other SVOCs	mg/kg	ND	ND	ND	ND	Various	Various	Various	Various	Various	Various
Lead via EPA Method 6020A											
Lead	mg/kg	120	120	37	120	63	400	1000	3900	NS	450

TABLE 1: SOIL SAMPLE DATA SUMMARY
440 Exterior Street, Bronx, New York 10451

Analysis	AEI-B1	AEI-B2	AEI-B3	AEI-B4	URU	RRU	CO	IU	NYCDEP	PGW
	9/25/2015	9/25/2015	9/25/2015	9/25/2015						
Units	11.5-12	11.5-12	11.5-12	11.5-12	SCOs	SCOs	SCOs	SCOs	CP-51 SCC	
	(feet bgs)	(feet bgs)	(feet bgs)	(feet bgs)						

Notes:

mg/kg: milligrams per kilogram

bgs: below ground surface

ND: not detected

NS: no standard

J: estimated value

Result exceeds applicable most stringent comparison value

Comparison Values:

URU SCOs: Unrestricted Residential Use Soil Cleanup Objectives

RRU SCOs: Restricted Residential Use Soil Cleanup Objectives

CU SCOs: Commercial Use Soil Cleanup Objectives

IU SCOs: Industrial Use Soil Cleanup Objectives

NYCDEP CP-51 SCC: New York City Department of Environmental Protection Commissioners Policy 51 Soil Cleanup Criteria

PGW: Protection of Groundwater

TABLE 2: GROUNDWATER SAMPLE DATA SUMMARY
440 Exterior Street, Bronx, New York 10451

Analysis	Units	AEI-GW1	AEI-GW2	AEI-GW3	NYSDEC GWQS
		9/25/2015 11.95 (feet bgs)	9/25/2015 11.79 (feet bgs)	9/25/2015 11.48 (feet bgs)	
VOCs via EPA Method 8260					
Tetrachloroethene	µg/L	ND	ND	0.89	5
Benzene	µg/L	ND	9.5	4.6	0.7
Toluene	µg/L	ND	1.1 J	1.2 J	5
Ethylbenzene	µg/L	ND	1.5 J	3.9	5
p/m-Xylene	µg/L	ND	3.3	1.8 J	NS
o-Xylene	µg/L	ND	4	2.2 J	NS
Xylenes, Total	µg/L	ND	7.3	4 J	5
Acetone	µg/L	5.4	3.8 J	5.7	50
n-Butylbenzene	µg/L	ND	ND	1.5 J	5
sec-Butylbenzene	µg/L	ND	ND	1.4 J	5
Isopropylbenzene	µg/L	ND	4.8	4.4	5
p-Isopropyltoluene	µg/L	ND	ND	0.7 J	5
Naphthalene	µg/L	ND	3.3	16	10
n-Propylbenzene	µg/L	ND	2.9	3.4	5
1,3,5-Trimethylbenzene	µg/L	ND	ND	1.8 J	5
1,2,4-Trimethylbenzene	µg/L	ND	6.2	10	5
p-Diethylbenzene	µg/L	ND	0.97 J	1.9 J	NS
p-Ethyltoluene	µg/L	ND	2	3.8	NS
1,2,4,5-Tetramethylbenzene	µg/L	ND	4.5	13	NS
All Other VOCs	µg/L	ND	ND	ND	Various
SVOCs via EPA Method 8270					
Bis(2-Ethylhexyl)phthalate	µg/L	ND	2 J	ND	50
Biphenyl	µg/L	ND	0.44 J	4.6	NS
Dibenzofuran	µg/L	ND	1.3 J	4.7	5
Benzoic Acid	µg/L	9.7 J	ND	ND	50
Carbazole	µg/L	ND	11	2	NS
Acenaphthene	µg/L	0.1 J	22	40	20
Fluoranthene	µg/L	0.06 J	1.1	2.9	50
Naphthalene	µg/L	0.15 J	ND	ND	10
Benzo(a)anthracene	µg/L	ND	0.23 J	0.89 J	0.002
Benzo(a)pyrene	µg/L	ND	0.22 J	0.63 J	0.002
Benzo(b)fluoranthene	µg/L	ND	0.2 J	0.45 J	0.002
Chrysene	µg/L	ND	0.24 J	0.87 J	0.002
Acenaphthylene	µg/L	0.09 J	1	6.9	20
Anthracene	µg/L	0.07 J	1.3	3.4	50
Benzo(ghi)perylene	µg/L	ND	0.3 J	0.35 J	5
Fluorene	µg/L	ND	4.3	8.8	50
Phenanthrene	µg/L	ND	1.3	7.5	50
Indeno(1,2,3-cd)Pyrene	µg/L	ND	0.13 J	0.2 J	0.002
Pyrene	µg/L	0.19 J	1.4	4.8	50
2-Methylnaphthalene	µg/L	ND	0.22 J	0.56 J	50
All Other SVOCs	µg/L	ND	ND	ND	Various
Lead by EPA Method 6020A					
Lead, Total	µg/L	559	577.8	177.4	25

Notes:

µg/L	micrograms per liter
ND	not detected
J	estimated value
bgs	below ground surface
Bold	result exceeds applicable Comparison Value
NS	no standard

Comparison Values:

NYSDEC GWQS: New York State Department of Environmental Conservation Groundwater Quality Standards

TABLE 3: SOIL GAS SAMPLE DATA SUMMARY

440 Exterior Street, Bronx, New York 10451

Analysis	Units	SSV1	SSV2	SG1	Residential	Commercial
		9/25/2015 1" (bgs)	9/25/2015 1" (bgs)	9/25/2015 4' (bgs)	EPA VISL Value	EPA VISL Value
VOCs via TO-15						
Dichlorodifluoromethane	µg/m ³	ND	1.73	ND	3500	15000
Chloromethane	µg/m ³	ND	0.861	ND	3100	13000
1,3-Butadiene	µg/m ³	ND	0.989	ND	3.1	14
Ethanol	µg/m ³	ND	49.2	41.5	NS	NS
Acetone	µg/m ³	163	106	80.3	1100000	4500000
Trichlorofluoromethane	µg/m ³	ND	3.02	4.71	24000	100000
Isopropanol	µg/m ³	ND	11.9	3.2	7000	29000
Tertiary butyl Alcohol	µg/m ³	ND	2.83	ND	NS	NS
Methylene chloride	µg/m ³	ND	8.55	ND	3400	41000
Carbon disulfide	µg/m ³	ND	7.88	ND	24000	100000
2-Butanone	µg/m ³	ND	8.23	4.13	170000	730000
Chloroform	µg/m ³	112	1.04	557	4.1	18
n-Hexane	µg/m ³	161	5.22	ND	24000	100000
Benzene	µg/m ³	15	8.21	ND	12	52
Cyclohexane	µg/m ³	224	3.92	ND	210000	880000
Bromodichloromethane	µg/m ³	ND	ND	111	2.5	11
Heptane	µg/m ³	742	4.47	ND	NS	NS
Toluene	µg/m ³	52	12.1	ND	170000	730000
Dibromochloromethane	µg/m ³	ND	ND	18.5	3.5	15
Tetrachloroethene	µg/m ³	103	27.3	49.2	360	1600
Ethylbenzene	µg/m ³	28.8	5.13	ND	37	160
p/m-Xylene	µg/m ³	163	24.2	ND	3500	15000
o-Xylene	µg/m ³	115	10.3	ND	3500	15000
4-Ethyltoluene	µg/m ³	115	ND	ND	NS	NS
1,3,5-Trimethylbenzene	µg/m ³	434	1.03	ND	NS	NS
1,2,4-Trimethylbenzene	µg/m ³	466	2.05	ND	240	1000
All Other VOCs	µg/m ³	ND	ND	ND	Various	Various

Notes:

- µg/m³ micrograms per cubic meter
- bgs below ground surface
- N/A not applicable
- ND not detected
- Bold** Result exceeds applicable Comparison Value

Comparison Values:

EPA Vapor Intrusion Screening Level (VISL) Default Residential and Commercial Target Sub-Slab & Exterior Soil Gas Concentrations

APPENDIX A
BORING LOGS



CLIENT Treetop Development
PROJECT NUMBER 347379
DATE STARTED 9/25/05 **COMPLETED** 9/25/05
DRILLING CONTRACTOR Foresight
DRILLING METHOD Direct Push
LOGGED BY Ben Friedman **CHECKED BY** Ben Friedman
NOTES _____

PROJECT NAME 440 Exterior Street
PROJECT LOCATION 440 Exterior Street, Bronx NY 10451
GROUND ELEVATION _____ **HOLE SIZE** 4 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
▼ AFTER DRILLING 11.95 ft

AEI BORING - GINT STD US LAB.GDT - 9/28/15 14:44 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\BRONX 440 EXTERIOR.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
			6.8		0.5 Concrete	
			17.6		Red, rocky fill with medium to coarse brown sand	
			64.6		2.0 No recovery	
			34.7			
					4.0	
			3.1		4.5 Red, rocky fill with medium to coarse brown sand	
5			18.4		Blackish-brown medium sand with subangular gravel	
			3.6		5.5	
			5.3		Brown silty sand with mica throughout	
			9.5		7.0	
					No recovery	
					8.0	
					8.5 Fall in	
			6.4		Brown silty sand with mica throughout	
			7.4		10.0	
10			9		10.5 Black silty sand with gravel, strong petroleum odor, wet	
			16.7		No recovery	
			83.7		12.0 ▼	
					No recovery	
					16.0	

Bottom of borehole at 16.0 feet.



CLIENT Treetop Development
PROJECT NUMBER 347379
DATE STARTED 9/25/05 **COMPLETED** 9/25/05
DRILLING CONTRACTOR Foresight
DRILLING METHOD Direct Push
LOGGED BY Ben Friedman **CHECKED BY** Ben Friedman
NOTES _____

PROJECT NAME 440 Exterior Street
PROJECT LOCATION 440 Exterior Street, Bronx NY 10451
GROUND ELEVATION _____ **HOLE SIZE** 4 inches
GROUND WATER LEVELS:
AT TIME OF DRILLING ---
AT END OF DRILLING ---
AFTER DRILLING ---

AEI BORING - GINT STD US LAB.GDT - 9/28/15 14:44 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\BRONX 440 EXTERIOR.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
			4.2		0.5 Concrete	
			5.7		Brown silty sand with gravel and mica throughout	
			6.3		2.0 No recovery	
			2.3		4.0 Brown silty sand with gravel and mica throughout	
5			4.3			
			2.5			
			13			
			3.2			
			2.8		7.0 No recovery	
			5.5		8.0 Brown silty sand with gravel and mica throughout	
			9.2			
			16.6			
10			13.6		10.0 Black silty soil, wet, strong petroleum odor	
					10.5 No recovery	
					12.0 Saturated black silty sand with rock fragments, strong petroleum odor	
15						
					16.0	

Bottom of borehole at 16.0 feet.

APPENDIX B

LABORATORY ANALYTICAL REPORTS



ANALYTICAL REPORT

Lab Number:	L1524105
Client:	AEI Consultants 30 Montgomery Street Suite 220 Jersey City, NJ 07302
ATTN:	Ben Friedman
Phone:	(201) 332-1844
Project Name:	440 EXTERIOR ST.
Project Number:	347379
Report Date:	10/05/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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



Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1524105-01	AEI-B1	SOIL	440 EXTERIOR STREET, BRONX	09/25/15 09:40	09/25/15
L1524105-02	AEI-B2	SOIL	440 EXTERIOR STREET, BRONX	09/25/15 10:20	09/25/15
L1524105-03	AEI-B3	SOIL	440 EXTERIOR STREET, BRONX	09/25/15 10:50	09/25/15
L1524105-04	AEI-B4	SOIL	440 EXTERIOR STREET, BRONX	09/25/15 11:10	09/25/15
L1524105-05	AEI-GW1	WATER	440 EXTERIOR STREET, BRONX	09/25/15 12:20	09/25/15
L1524105-06	AEI-GW2	WATER	440 EXTERIOR STREET, BRONX	09/25/15 12:55	09/25/15
L1524105-07	AEI-GW3	WATER	440 EXTERIOR STREET, BRONX	09/25/15 13:20	09/25/15

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. 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: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

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.

Semivolatile Organics

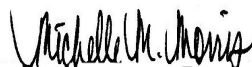
L1524105-02 has elevated detection limits due to the dilution required by the sample matrix.

Semivolatile Organics by SIM

L1524105-07: The sample has elevated detection limits due to the dilution required by the 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:



Michelle M. Morris

Title: Technical Director/Representative

Date: 10/05/15

ORGANICS

VOLATILES

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-01
 Client ID: AEI-B1
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/02/15 13:06
 Analyst: BN
 Percent Solids: 82%

Date Collected: 09/25/15 09:40
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.09	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.1	0.15	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.12	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.13	1
1,1-Dichloropropene	ND		ug/kg	5.4	0.15	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	ND		ug/kg	1.1	0.13	1
Toluene	0.74	J	ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.4	0.32	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.23	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.17	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-01

Date Collected: 09/25/15 09:40

Client ID: AEI-B1

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	5.4	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.15	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
Xylenes, Total	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.16	1
Dibromomethane	ND		ug/kg	11	0.18	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	32		ug/kg	11	1.1	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	6.0	J	ug/kg	11	0.30	1
Vinyl acetate	ND		ug/kg	11	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.18	1
2-Hexanone	ND		ug/kg	11	0.73	1
Bromochloromethane	ND		ug/kg	5.4	0.30	1
2,2-Dichloropropane	ND		ug/kg	5.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
1,3-Dichloropropane	ND		ug/kg	5.4	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.35	1
Bromobenzene	ND		ug/kg	5.4	0.23	1
n-Butylbenzene	ND		ug/kg	1.1	0.12	1
sec-Butylbenzene	ND		ug/kg	1.1	0.13	1
tert-Butylbenzene	ND		ug/kg	5.4	0.15	1
o-Chlorotoluene	ND		ug/kg	5.4	0.17	1
p-Chlorotoluene	ND		ug/kg	5.4	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	0.43	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.25	1
Isopropylbenzene	ND		ug/kg	1.1	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	1.4	J	ug/kg	5.4	0.15	1
Acrylonitrile	ND		ug/kg	11	0.56	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.16	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-01

Date Collected: 09/25/15 09:40

Client ID: AEI-B1

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	5.4	0.15	1
1,4-Dioxane	ND		ug/kg	110	16.	1
p-Diethylbenzene	0.27	J	ug/kg	4.4	0.17	1
p-Ethyltoluene	0.49	J	ug/kg	4.4	0.14	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.4	0.14	1
Ethyl ether	ND		ug/kg	5.4	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	0.43	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-02
 Client ID: AEI-B2
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/04/15 17:31
 Analyst: BN
 Percent Solids: 87%

Date Collected: 09/25/15 10:20
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.9	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09	1
Chloroform	ND		ug/kg	1.5	0.37	1
Carbon tetrachloride	ND		ug/kg	0.99	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.5	0.22	1
Dibromochloromethane	ND		ug/kg	0.99	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	1.6		ug/kg	0.99	0.14	1
Chlorobenzene	ND		ug/kg	0.99	0.34	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.99	0.11	1
Bromodichloromethane	ND		ug/kg	0.99	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.99	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	0.99	0.12	1
1,1-Dichloropropene	ND		ug/kg	5.0	0.14	1
Bromoform	ND		ug/kg	4.0	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.99	0.10	1
Benzene	ND		ug/kg	0.99	0.12	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	0.99	0.13	1
Chloromethane	ND		ug/kg	5.0	0.29	1
Bromomethane	ND		ug/kg	2.0	0.33	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.99	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-02
 Client ID: AEI-B2
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 10:20
 Date Received: 09/25/15
 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	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	1
p/m-Xylene	ND		ug/kg	2.0	0.20	1
o-Xylene	ND		ug/kg	2.0	0.17	1
Xylenes, Total	ND		ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	9.9	0.16	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.19	1
Acetone	3.5	J	ug/kg	9.9	1.0	1
Carbon disulfide	ND		ug/kg	9.9	1.1	1
2-Butanone	ND		ug/kg	9.9	0.27	1
Vinyl acetate	ND		ug/kg	9.9	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.9	0.16	1
2-Hexanone	ND		ug/kg	9.9	0.66	1
Bromochloromethane	ND		ug/kg	5.0	0.27	1
2,2-Dichloropropane	ND		ug/kg	5.0	0.22	1
1,2-Dibromoethane	ND		ug/kg	4.0	0.17	1
1,3-Dichloropropane	ND		ug/kg	5.0	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.99	0.32	1
Bromobenzene	ND		ug/kg	5.0	0.21	1
n-Butylbenzene	ND		ug/kg	0.99	0.11	1
sec-Butylbenzene	ND		ug/kg	0.99	0.12	1
tert-Butylbenzene	ND		ug/kg	5.0	0.13	1
o-Chlorotoluene	ND		ug/kg	5.0	0.16	1
p-Chlorotoluene	ND		ug/kg	5.0	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.39	1
Hexachlorobutadiene	ND		ug/kg	5.0	0.22	1
Isopropylbenzene	ND		ug/kg	0.99	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.12	1
Naphthalene	ND		ug/kg	5.0	0.14	1
Acrylonitrile	ND		ug/kg	9.9	0.51	1
n-Propylbenzene	ND		ug/kg	0.99	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14	1

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-02
Client ID: AEI-B2
Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 10:20
Date Received: 09/25/15
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	0.14	1
1,4-Dioxane	ND		ug/kg	99	14.	1
p-Diethylbenzene	ND		ug/kg	4.0	0.16	1
p-Ethyltoluene	ND		ug/kg	4.0	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13	1
Ethyl ether	ND		ug/kg	5.0	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	95		70-130

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-03
 Client ID: AEI-B3
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 10/02/15 14:00
 Analyst: BN
 Percent Solids: 84%

Date Collected: 09/25/15 10:50
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.9	1.1	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.08	1
Chloroform	ND		ug/kg	1.5	0.36	1
Carbon tetrachloride	ND		ug/kg	0.99	0.21	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.99	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	5.1		ug/kg	0.99	0.14	1
Chlorobenzene	ND		ug/kg	0.99	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.11	1
1,1,1-Trichloroethane	ND		ug/kg	0.99	0.11	1
Bromodichloromethane	ND		ug/kg	0.99	0.17	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.12	1
cis-1,3-Dichloropropene	ND		ug/kg	0.99	0.12	1
1,3-Dichloropropene, Total	ND		ug/kg	0.99	0.12	1
1,1-Dichloropropene	ND		ug/kg	4.9	0.14	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.99	0.10	1
Benzene	ND		ug/kg	0.99	0.12	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	0.99	0.12	1
Chloromethane	ND		ug/kg	4.9	0.29	1
Bromomethane	ND		ug/kg	2.0	0.33	1
Vinyl chloride	ND		ug/kg	2.0	0.12	1
Chloroethane	ND		ug/kg	2.0	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21	1
Trichloroethene	ND		ug/kg	0.99	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.15	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-03
 Client ID: AEI-B3
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 10:50
 Date Received: 09/25/15
 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	4.9	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.14	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.08	1
p/m-Xylene	ND		ug/kg	2.0	0.20	1
o-Xylene	ND		ug/kg	2.0	0.17	1
Xylenes, Total	ND		ug/kg	2.0	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	9.9	0.16	1
Styrene	ND		ug/kg	2.0	0.40	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.19	1
Acetone	2.8	J	ug/kg	9.9	1.0	1
Carbon disulfide	ND		ug/kg	9.9	1.1	1
2-Butanone	ND		ug/kg	9.9	0.27	1
Vinyl acetate	ND		ug/kg	9.9	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.9	0.16	1
2-Hexanone	ND		ug/kg	9.9	0.66	1
Bromochloromethane	ND		ug/kg	4.9	0.27	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.22	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.99	0.31	1
Bromobenzene	ND		ug/kg	4.9	0.20	1
n-Butylbenzene	ND		ug/kg	0.99	0.11	1
sec-Butylbenzene	ND		ug/kg	0.99	0.12	1
tert-Butylbenzene	ND		ug/kg	4.9	0.13	1
o-Chlorotoluene	ND		ug/kg	4.9	0.16	1
p-Chlorotoluene	ND		ug/kg	4.9	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.39	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.22	1
Isopropylbenzene	ND		ug/kg	0.99	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.12	1
Naphthalene	ND		ug/kg	4.9	0.14	1
Acrylonitrile	ND		ug/kg	9.9	0.51	1
n-Propylbenzene	ND		ug/kg	0.99	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.14	1
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.14	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-03

Date Collected: 09/25/15 10:50

Client ID: AEI-B3

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	4.9	0.14	1
1,4-Dioxane	ND		ug/kg	99	14.	1
p-Diethylbenzene	ND		ug/kg	3.9	0.16	1
p-Ethyltoluene	ND		ug/kg	3.9	0.12	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.13	1
Ethyl ether	ND		ug/kg	4.9	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	0.39	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-04
Client ID: AEI-B4
Sample Location: 440 EXTERIOR STREET, BRONX
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/02/15 17:49
Analyst: BN
Percent Solids: 79%

Date Collected: 09/25/15 11:10
Date Received: 09/25/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	880	97.	1
1,1-Dichloroethane	ND		ug/kg	130	7.5	1
Chloroform	ND		ug/kg	130	32.	1
Carbon tetrachloride	ND		ug/kg	88	18.	1
1,2-Dichloropropane	ND		ug/kg	310	20.	1
Dibromochloromethane	ND		ug/kg	88	13.	1
1,1,2-Trichloroethane	ND		ug/kg	130	27.	1
Tetrachloroethene	ND		ug/kg	88	12.	1
Chlorobenzene	ND		ug/kg	88	30.	1
Trichlorofluoromethane	ND		ug/kg	440	34.	1
1,2-Dichloroethane	ND		ug/kg	88	9.9	1
1,1,1-Trichloroethane	ND		ug/kg	88	9.7	1
Bromodichloromethane	ND		ug/kg	88	15.	1
trans-1,3-Dichloropropene	ND		ug/kg	88	10.	1
cis-1,3-Dichloropropene	ND		ug/kg	88	10.	1
1,3-Dichloropropene, Total	ND		ug/kg	88	10.	1
1,1-Dichloropropene	ND		ug/kg	440	12.	1
Bromoform	ND		ug/kg	350	21.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	88	8.8	1
Benzene	37	J	ug/kg	88	10.	1
Toluene	62	J	ug/kg	130	17.	1
Ethylbenzene	45	J	ug/kg	88	11.	1
Chloromethane	ND		ug/kg	440	26.	1
Bromomethane	ND		ug/kg	180	30.	1
Vinyl chloride	ND		ug/kg	180	10.	1
Chloroethane	ND		ug/kg	180	28.	1
1,1-Dichloroethene	ND		ug/kg	88	23.	1
trans-1,2-Dichloroethene	ND		ug/kg	130	18.	1
Trichloroethene	ND		ug/kg	88	11.	1
1,2-Dichlorobenzene	ND		ug/kg	440	13.	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-04
 Client ID: AEI-B4
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 11:10
 Date Received: 09/25/15
 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	440	12.	1
1,4-Dichlorobenzene	ND		ug/kg	440	12.	1
Methyl tert butyl ether	ND		ug/kg	180	7.4	1
p/m-Xylene	52	J	ug/kg	180	17.	1
o-Xylene	22	J	ug/kg	180	15.	1
Xylenes, Total	74	J	ug/kg	180	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	88	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	88	12.	1
Dibromomethane	ND		ug/kg	880	14.	1
Styrene	86	J	ug/kg	180	35.	1
Dichlorodifluoromethane	ND		ug/kg	880	17.	1
Acetone	ND		ug/kg	880	91.	1
Carbon disulfide	ND		ug/kg	880	96.	1
2-Butanone	ND		ug/kg	880	24.	1
Vinyl acetate	ND		ug/kg	880	12.	1
4-Methyl-2-pentanone	ND		ug/kg	880	21.	1
1,2,3-Trichloropropane	ND		ug/kg	880	14.	1
2-Hexanone	ND		ug/kg	880	58.	1
Bromochloromethane	ND		ug/kg	440	24.	1
2,2-Dichloropropane	ND		ug/kg	440	20.	1
1,2-Dibromoethane	ND		ug/kg	350	15.	1
1,3-Dichloropropane	ND		ug/kg	440	13.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	88	28.	1
Bromobenzene	ND		ug/kg	440	18.	1
n-Butylbenzene	170		ug/kg	88	10.	1
sec-Butylbenzene	120		ug/kg	88	11.	1
tert-Butylbenzene	ND		ug/kg	440	12.	1
o-Chlorotoluene	ND		ug/kg	440	14.	1
p-Chlorotoluene	ND		ug/kg	440	12.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	440	35.	1
Hexachlorobutadiene	ND		ug/kg	440	20.	1
Isopropylbenzene	93		ug/kg	88	9.1	1
p-Isopropyltoluene	42	J	ug/kg	88	11.	1
Naphthalene	600		ug/kg	440	12.	1
Acrylonitrile	ND		ug/kg	880	45.	1
n-Propylbenzene	77	J	ug/kg	88	9.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	440	13.	1
1,2,4-Trichlorobenzene	ND		ug/kg	440	16.	1
1,3,5-Trimethylbenzene	ND		ug/kg	440	12.	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-04
 Client ID: AEI-B4
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 11:10
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	30	J	ug/kg	440	12.	1
1,4-Dioxane	ND		ug/kg	8800	1300	1
p-Diethylbenzene	250	J	ug/kg	350	14.	1
p-Ethyltoluene	110	J	ug/kg	350	11.	1
1,2,4,5-Tetramethylbenzene	1500		ug/kg	350	11.	1
Ethyl ether	ND		ug/kg	440	23.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	440	34.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	103		70-130

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-05
Client ID: AEI-GW1
Sample Location: 440 EXTERIOR STREET, BRONX
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/03/15 17:30
Analyst: PD

Date Collected: 09/25/15 12:20
Date Received: 09/25/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	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	0.14	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	0.14	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: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-05
 Client ID: AEI-GW1
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 12:20
 Date Received: 09/25/15
 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	5.4		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: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-05

Date Collected: 09/25/15 12:20

Client ID: AEI-GW1

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	41.	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	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-06
 Client ID: AEI-GW2
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/03/15 17:58
 Analyst: PD

Date Collected: 09/25/15 12:55
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	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	0.14	1
Benzene	9.5		ug/l	0.50	0.16	1
Toluene	1.1	J	ug/l	2.5	0.70	1
Ethylbenzene	1.5	J	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	0.14	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: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-06
 Client ID: AEI-GW2
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 12:55
 Date Received: 09/25/15
 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	3.3		ug/l	2.5	0.70	1
o-Xylene	4.0		ug/l	2.5	0.70	1
Xylenes, Total	7.3		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	3.8	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	4.8		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	3.3		ug/l	2.5	0.70	1
n-Propylbenzene	2.9		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: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-06

Date Collected: 09/25/15 12:55

Client ID: AEI-GW2

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	6.2		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	0.97	J	ug/l	2.0	0.70	1
p-Ethyltoluene	2.0		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	4.5		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	100		70-130

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-07
 Client ID: AEI-GW3
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 10/03/15 18:26
 Analyst: PD

Date Collected: 09/25/15 13:20
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.89		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	0.14	1
Benzene	4.6		ug/l	0.50	0.16	1
Toluene	1.2	J	ug/l	2.5	0.70	1
Ethylbenzene	3.9		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	0.14	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: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-07
 Client ID: AEI-GW3
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 13:20
 Date Received: 09/25/15
 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	1.8	J	ug/l	2.5	0.70	1
o-Xylene	2.2	J	ug/l	2.5	0.70	1
Xylenes, Total	4.0	J	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	5.7		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	1.5	J	ug/l	2.5	0.70	1
sec-Butylbenzene	1.4	J	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	4.4		ug/l	2.5	0.70	1
p-Isopropyltoluene	0.70	J	ug/l	2.5	0.70	1
Naphthalene	16		ug/l	2.5	0.70	1
n-Propylbenzene	3.4		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	1.8	J	ug/l	2.5	0.70	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-07

Date Collected: 09/25/15 13:20

Client ID: AEI-GW3

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	1.9	J	ug/l	2.0	0.70	1
p-Ethyltoluene	3.8		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	13		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	97		70-130

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/02/15 09:04
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG827324-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
1,3-Dichloropropene, Total	ND		ug/kg	50	5.9
1,1-Dichloropropene	ND		ug/kg	250	7.1
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	ND		ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.
Trichloroethene	ND		ug/kg	50	6.2

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/02/15 09:04
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG827324-3					
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
Xylenes, Total	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
1,2-Dichloroethene, Total	ND		ug/kg	50	7.1
Dibromomethane	ND		ug/kg	500	8.2
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	ND		ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
Vinyl acetate	ND		ug/kg	500	6.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.1
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
2,2-Dichloropropane	ND		ug/kg	250	11.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,3-Dichloropropane	ND		ug/kg	250	7.3
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	10.
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8
o-Chlorotoluene	ND		ug/kg	250	8.0

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 10/02/15 09:04
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 04 Batch: WG827324-3					
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
1,4-Dioxane	ND		ug/kg	5000	720
p-Diethylbenzene	ND		ug/kg	200	8.0
p-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
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	125		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	109		70-130

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/03/15 13:50
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG827624-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
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	0.14
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	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/03/15 13:50
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG827624-3					
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: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/03/15 13:50
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG827624-3					
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	41.
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	0.65
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	97		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	95		70-130

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/02/15 09:04
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03 Batch: WG827700-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/02/15 09:04
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03 Batch: WG827700-3					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
o-Chlorotoluene	ND		ug/kg	5.0	0.16

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/02/15 09:04
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03 Batch: WG827700-3					
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,4-Dioxane	ND		ug/kg	100	14.
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
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	87		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/04/15 10:53
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG827762-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	0.32	J	ug/kg	5.0	0.29
Bromomethane	0.89	J	ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21
Trichloroethene	ND		ug/kg	1.0	0.12

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/04/15 10:53
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG827762-3					
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylenes, Total	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14
o-Chlorotoluene	ND		ug/kg	5.0	0.16

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
 Analytical Date: 10/04/15 10:53
 Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG827762-3					
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,4-Dioxane	ND		ug/kg	100	14.
p-Diethylbenzene	ND		ug/kg	4.0	0.16
p-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
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	96		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG827324-1 WG827324-2								
Methylene chloride	96		90		70-130	6		30
1,1-Dichloroethane	104		98		70-130	6		30
Chloroform	112		104		70-130	7		30
Carbon tetrachloride	123		113		70-130	8		30
1,2-Dichloropropane	98		91		70-130	7		30
Dibromochloromethane	109		102		70-130	7		30
2-Chloroethylvinyl ether	146	Q	129		70-130	12		30
1,1,2-Trichloroethane	100		91		70-130	9		30
Tetrachloroethene	106		97		70-130	9		30
Chlorobenzene	101		94		70-130	7		30
Trichlorofluoromethane	100		95		70-139	5		30
1,2-Dichloroethane	120		114		70-130	5		30
1,1,1-Trichloroethane	120		111		70-130	8		30
Bromodichloromethane	110		103		70-130	7		30
trans-1,3-Dichloropropene	109		99		70-130	10		30
cis-1,3-Dichloropropene	102		94		70-130	8		30
1,1-Dichloropropene	106		98		70-130	8		30
Bromoform	109		102		70-130	7		30
1,1,2,2-Tetrachloroethane	96		89		70-130	8		30
Benzene	96		90		70-130	6		30
Toluene	96		91		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG827324-1 WG827324-2								
Ethylbenzene	106		98		70-130	8		30
Chloromethane	89		83		52-130	7		30
Bromomethane	92		86		57-147	7		30
Vinyl chloride	74		68		67-130	8		30
Chloroethane	91		84		50-151	8		30
1,1-Dichloroethene	86		83		65-135	4		30
trans-1,2-Dichloroethene	96		90		70-130	6		30
Trichloroethene	106		99		70-130	7		30
1,2-Dichlorobenzene	105		98		70-130	7		30
1,3-Dichlorobenzene	105		98		70-130	7		30
1,4-Dichlorobenzene	103		97		70-130	6		30
Methyl tert butyl ether	105		100		66-130	5		30
p/m-Xylene	104		97		70-130	7		30
o-Xylene	103		96		70-130	7		30
cis-1,2-Dichloroethene	99		94		70-130	5		30
Dibromomethane	104		97		70-130	7		30
Styrene	104		96		70-130	8		30
Dichlorodifluoromethane	63		61		30-146	3		30
Acetone	114		101		54-140	12		30
Carbon disulfide	77		72		59-130	7		30
2-Butanone	109		99		70-130	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG827324-1 WG827324-2								
Vinyl acetate	110		102		70-130	8		30
4-Methyl-2-pentanone	100		90		70-130	11		30
1,2,3-Trichloropropane	104		97		68-130	7		30
2-Hexanone	105		96		70-130	9		30
Bromochloromethane	100		96		70-130	4		30
2,2-Dichloropropane	116		107		70-130	8		30
1,2-Dibromoethane	103		93		70-130	10		30
1,3-Dichloropropane	101		94		69-130	7		30
1,1,1,2-Tetrachloroethane	110		104		70-130	6		30
Bromobenzene	102		94		70-130	8		30
n-Butylbenzene	109		100		70-130	9		30
sec-Butylbenzene	106		98		70-130	8		30
tert-Butylbenzene	109		101		70-130	8		30
o-Chlorotoluene	107		99		70-130	8		30
p-Chlorotoluene	107		100		70-130	7		30
1,2-Dibromo-3-chloropropane	101		96		68-130	5		30
Hexachlorobutadiene	116		108		67-130	7		30
Isopropylbenzene	109		101		70-130	8		30
p-Isopropyltoluene	110		101		70-130	9		30
Naphthalene	104		95		70-130	9		30
Acrylonitrile	100		89		70-130	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Project Number: 347379

Lab Number: L1524105

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG827324-1 WG827324-2								
Isopropyl Ether	104		97		66-130	7		30
tert-Butyl Alcohol	113		102		70-130	10		30
n-Propylbenzene	104		97		70-130	7		30
1,2,3-Trichlorobenzene	108		99		70-130	9		30
1,2,4-Trichlorobenzene	108		100		70-130	8		30
1,3,5-Trimethylbenzene	108		100		70-130	8		30
1,2,4-Trimethylbenzene	108		99		70-130	9		30
Methyl Acetate	106		98		51-146	8		30
Ethyl Acetate	94		87		70-130	8		30
Acrolein	98		93		70-130	5		30
Cyclohexane	94		89		59-142	5		30
1,4-Dioxane	116		105		65-136	10		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	93		87		50-139	7		30
p-Diethylbenzene	111		103		70-130	7		30
p-Ethyltoluene	108		101		70-130	7		30
1,2,4,5-Tetramethylbenzene	112		105		70-130	6		30
Tetrahydrofuran	103		92		66-130	11		30
Ethyl ether	97		90		67-130	7		30
trans-1,4-Dichloro-2-butene	111		104		70-130	7		30
Methyl cyclohexane	93		87		70-130	7		30
Ethyl-Tert-Butyl-Ether	107		100		70-130	7		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 04 Batch: WG827324-1 WG827324-2								
Tertiary-Amyl Methyl Ether	102		97		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		120		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	101		100		70-130
Dibromofluoromethane	106		107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG827624-1 WG827624-2								
Methylene chloride	93		93		70-130	0		20
1,1-Dichloroethane	93		93		70-130	0		20
Chloroform	91		90		70-130	1		20
2-Chloroethylvinyl ether	73		74		70-130	1		20
Carbon tetrachloride	86		87		63-132	1		20
1,2-Dichloropropane	95		95		70-130	0		20
Dibromochloromethane	93		93		63-130	0		20
1,1,2-Trichloroethane	98		97		70-130	1		20
Tetrachloroethene	89		90		70-130	1		20
Chlorobenzene	95		95		75-130	0		20
Trichlorofluoromethane	84		83		62-150	1		20
1,2-Dichloroethane	91		91		70-130	0		20
1,1,1-Trichloroethane	88		90		67-130	2		20
Bromodichloromethane	89		89		67-130	0		20
trans-1,3-Dichloropropene	86		85		70-130	1		20
cis-1,3-Dichloropropene	82		82		70-130	0		20
1,1-Dichloropropene	92		94		70-130	2		20
Bromoform	86		88		54-136	2		20
1,1,2,2-Tetrachloroethane	100		100		67-130	0		20
Benzene	92		92		70-130	0		20
Toluene	95		95		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG827624-1 WG827624-2								
Ethylbenzene	94		94		70-130	0		20
Chloromethane	104		103		64-130	1		20
Bromomethane	112		108		39-139	4		20
Vinyl chloride	89		89		55-140	0		20
Chloroethane	90		90		55-138	0		20
1,1-Dichloroethene	88		88		61-145	0		20
trans-1,2-Dichloroethene	90		89		70-130	1		20
Trichloroethene	88		87		70-130	1		20
1,2-Dichlorobenzene	98		97		70-130	1		20
1,3-Dichlorobenzene	98		97		70-130	1		20
1,4-Dichlorobenzene	96		96		70-130	0		20
Methyl tert butyl ether	91		91		63-130	0		20
p/m-Xylene	97		97		70-130	0		20
o-Xylene	94		94		70-130	0		20
cis-1,2-Dichloroethene	92		91		70-130	1		20
Dibromomethane	89		89		70-130	0		20
1,2,3-Trichloropropane	100		100		64-130	0		20
Acrylonitrile	97		96		70-130	1		20
Isopropyl Ether	99		99		70-130	0		20
tert-Butyl Alcohol	94		94		70-130	0		20
Styrene	94		93		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Project Number: 347379

Lab Number: L1524105

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG827624-1 WG827624-2								
Dichlorodifluoromethane	83		83		36-147	0		20
Acetone	106		112		58-148	6		20
Carbon disulfide	86		86		51-130	0		20
2-Butanone	109		107		63-138	2		20
Vinyl acetate	87		88		70-130	1		20
4-Methyl-2-pentanone	76		77		59-130	1		20
2-Hexanone	84		84		57-130	0		20
Acrolein	103		100		40-160	3		20
Bromochloromethane	90		90		70-130	0		20
2,2-Dichloropropane	92		92		63-133	0		20
1,2-Dibromoethane	96		97		70-130	1		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	94		93		64-130	1		20
Bromobenzene	99		98		70-130	1		20
n-Butylbenzene	97		97		53-136	0		20
sec-Butylbenzene	96		97		70-130	1		20
tert-Butylbenzene	98		99		70-130	1		20
o-Chlorotoluene	102		101		70-130	1		20
p-Chlorotoluene	102		102		70-130	0		20
1,2-Dibromo-3-chloropropane	95		96		41-144	1		20
Hexachlorobutadiene	94		94		63-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG827624-1 WG827624-2								
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	90		91		70-130	1		20
Naphthalene	74		74		70-130	0		20
n-Propylbenzene	98		99		69-130	1		20
1,2,3-Trichlorobenzene	86		86		70-130	0		20
1,2,4-Trichlorobenzene	91		90		70-130	1		20
1,3,5-Trimethylbenzene	101		102		64-130	1		20
1,2,4-Trimethylbenzene	96		96		70-130	0		20
Methyl Acetate	94		96		70-130	2		20
Ethyl Acetate	95		96		70-130	1		20
Cyclohexane	90		94		70-130	4		20
Ethyl-Tert-Butyl-Ether	88		89		70-130	1		20
Tertiary-Amyl Methyl Ether	85		85		66-130	0		20
1,4-Dioxane	98		100		56-162	2		20
1,1,2-Trichloro-1,2,2-Trifluoroethane	88		87		70-130	1		20
p-Diethylbenzene	92		91		70-130	1		20
p-Ethyltoluene	101		101		70-130	0		20
1,2,4,5-Tetramethylbenzene	87		86		70-130	1		20
Ethyl ether	89		89		59-134	0		20
trans-1,4-Dichloro-2-butene	76		77		70-130	1		20
Iodomethane	137	Q	139	Q	70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Project Number: 347379

Lab Number: L1524105

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG827624-1 WG827624-2								
Methyl cyclohexane	72		81		70-130	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		96		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	105		106		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

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: WG827700-1 WG827700-2								
Methylene chloride	101		92		70-130	9		30
1,1-Dichloroethane	96		84		70-130	13		30
Chloroform	102		92		70-130	10		30
Carbon tetrachloride	104		83		70-130	22		30
1,2-Dichloropropane	100		91		70-130	9		30
Dibromochloromethane	112		106		70-130	6		30
2-Chloroethylvinyl ether	132	Q	127		70-130	4		30
1,1,2-Trichloroethane	102		97		70-130	5		30
Tetrachloroethene	108		91		70-130	17		30
Chlorobenzene	111		100		70-130	10		30
Trichlorofluoromethane	91		71		70-139	25		30
1,2-Dichloroethane	95		90		70-130	5		30
1,1,1-Trichloroethane	103		85		70-130	19		30
Bromodichloromethane	106		97		70-130	9		30
trans-1,3-Dichloropropene	106		100		70-130	6		30
cis-1,3-Dichloropropene	110		100		70-130	10		30
1,1-Dichloropropene	97		79		70-130	20		30
Bromoform	109		104		70-130	5		30
1,1,2,2-Tetrachloroethane	94		91		70-130	3		30
Benzene	103		91		70-130	12		30
Toluene	106		92		70-130	14		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

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: WG827700-1 WG827700-2								
Ethylbenzene	105		92		70-130	13		30
Chloromethane	86		70		52-130	21		30
Bromomethane	91		77		57-147	17		30
Vinyl chloride	73		57	Q	67-130	25		30
Chloroethane	73		58		50-151	23		30
1,1-Dichloroethene	95		78		65-135	20		30
trans-1,2-Dichloroethene	102		86		70-130	17		30
Trichloroethene	104		89		70-130	16		30
1,2-Dichlorobenzene	112		103		70-130	8		30
1,3-Dichlorobenzene	115		105		70-130	9		30
1,4-Dichlorobenzene	116		104		70-130	11		30
Methyl tert butyl ether	111		107		66-130	4		30
p/m-Xylene	109		95		70-130	14		30
o-Xylene	114		101		70-130	12		30
cis-1,2-Dichloroethene	109		96		70-130	13		30
Dibromomethane	103		98		70-130	5		30
Styrene	115		104		70-130	10		30
Dichlorodifluoromethane	88		66		30-146	29		30
Acetone	68		64		54-140	6		30
Carbon disulfide	95		78		59-130	20		30
2-Butanone	74		74		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03 Batch: WG827700-1 WG827700-2								
Vinyl acetate	83		81		70-130	2		30
4-Methyl-2-pentanone	89		86		70-130	3		30
1,2,3-Trichloropropane	92		89		68-130	3		30
2-Hexanone	71		70		70-130	1		30
Bromochloromethane	112		103		70-130	8		30
2,2-Dichloropropane	104		86		70-130	19		30
1,2-Dibromoethane	105		100		70-130	5		30
1,3-Dichloropropane	102		98		69-130	4		30
1,1,1,2-Tetrachloroethane	117		106		70-130	10		30
Bromobenzene	115		105		70-130	9		30
n-Butylbenzene	106		89		70-130	17		30
sec-Butylbenzene	106		88		70-130	19		30
tert-Butylbenzene	110		92		70-130	18		30
o-Chlorotoluene	109		96		70-130	13		30
p-Chlorotoluene	112		100		70-130	11		30
1,2-Dibromo-3-chloropropane	96		95		68-130	1		30
Hexachlorobutadiene	127		102		67-130	22		30
Isopropylbenzene	106		90		70-130	16		30
p-Isopropyltoluene	113		95		70-130	17		30
Naphthalene	105		102		70-130	3		30
Acrylonitrile	88		85		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Project Number: 347379

Lab Number: L1524105

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03 Batch: WG827700-1 WG827700-2								
Isopropyl Ether	87		81		66-130	7		30
tert-Butyl Alcohol	86		86		70-130	0		30
n-Propylbenzene	104		88		70-130	17		30
1,2,3-Trichlorobenzene	121		114		70-130	6		30
1,2,4-Trichlorobenzene	126		115		70-130	9		30
1,3,5-Trimethylbenzene	113		97		70-130	15		30
1,2,4-Trimethylbenzene	115		102		70-130	12		30
Methyl Acetate	70		68		51-146	3		30
Ethyl Acetate	72		72		70-130	0		30
Acrolein	52	Q	50	Q	70-130	4		30
Cyclohexane	86		67		59-142	25		30
1,4-Dioxane	119		116		65-136	3		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	92		72		50-139	24		30
p-Diethylbenzene	111		95		70-130	16		30
p-Ethyltoluene	106		90		70-130	16		30
1,2,4,5-Tetramethylbenzene	119		106		70-130	12		30
Tetrahydrofuran	84		86		66-130	2		30
Ethyl ether	87		84		67-130	4		30
trans-1,4-Dichloro-2-butene	92		90		70-130	2		30
Methyl cyclohexane	94		72		70-130	27		30
Ethyl-Tert-Butyl-Ether	100		96		70-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03 Batch: WG827700-1 WG827700-2								
Tertiary-Amyl Methyl Ether	108		102		70-130	6		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	86		87		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG827762-1 WG827762-2								
Methylene chloride	84		83		70-130	1		30
1,1-Dichloroethane	85		84		70-130	1		30
Chloroform	86		83		70-130	4		30
Carbon tetrachloride	88		84		70-130	5		30
1,2-Dichloropropane	83		83		70-130	0		30
Dibromochloromethane	88		91		70-130	3		30
2-Chloroethylvinyl ether	78		75		70-130	4		30
1,1,2-Trichloroethane	90		91		70-130	1		30
Tetrachloroethene	100		97		70-130	3		30
Chlorobenzene	94		94		70-130	0		30
Trichlorofluoromethane	98		88		70-139	11		30
1,2-Dichloroethane	81		80		70-130	1		30
1,1,1-Trichloroethane	89		82		70-130	8		30
Bromodichloromethane	82		83		70-130	1		30
trans-1,3-Dichloropropene	89		93		70-130	4		30
cis-1,3-Dichloropropene	84		84		70-130	0		30
1,1-Dichloropropene	90		86		70-130	5		30
Bromoform	86		89		70-130	3		30
1,1,2,2-Tetrachloroethane	90		90		70-130	0		30
Benzene	87		85		70-130	2		30
Toluene	94		93		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG827762-1 WG827762-2								
Ethylbenzene	94		93		70-130	1		30
Chloromethane	89		87		52-130	2		30
Bromomethane	85		82		57-147	4		30
Vinyl chloride	87		78		67-130	11		30
Chloroethane	93		92		50-151	1		30
1,1-Dichloroethene	86		81		65-135	6		30
trans-1,2-Dichloroethene	91		87		70-130	4		30
Trichloroethene	89		86		70-130	3		30
1,2-Dichlorobenzene	97		98		70-130	1		30
1,3-Dichlorobenzene	100		100		70-130	0		30
1,4-Dichlorobenzene	100		98		70-130	2		30
Methyl tert butyl ether	83		83		66-130	0		30
p/m-Xylene	96		96		70-130	0		30
o-Xylene	97		96		70-130	1		30
cis-1,2-Dichloroethene	91		86		70-130	6		30
Dibromomethane	82		83		70-130	1		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	101		89		30-146	13		30
Acetone	81		80		54-140	1		30
Carbon disulfide	82		83		59-130	1		30
2-Butanone	80		80		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Project Number: 347379

Lab Number: L1524105

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG827762-1 WG827762-2								
Vinyl acetate	75		78		70-130	4		30
4-Methyl-2-pentanone	80		81		70-130	1		30
1,2,3-Trichloropropane	89		89		68-130	0		30
2-Hexanone	81		84		70-130	4		30
Bromochloromethane	89		88		70-130	1		30
2,2-Dichloropropane	89		87		70-130	2		30
1,2-Dibromoethane	90		92		70-130	2		30
1,3-Dichloropropane	90		91		69-130	1		30
1,1,1,2-Tetrachloroethane	89		93		70-130	4		30
Bromobenzene	98		97		70-130	1		30
n-Butylbenzene	101		98		70-130	3		30
sec-Butylbenzene	99		97		70-130	2		30
tert-Butylbenzene	99		97		70-130	2		30
o-Chlorotoluene	96		96		70-130	0		30
p-Chlorotoluene	99		97		70-130	2		30
1,2-Dibromo-3-chloropropane	81		86		68-130	6		30
Hexachlorobutadiene	102		100		67-130	2		30
Isopropylbenzene	100		96		70-130	4		30
p-Isopropyltoluene	101		98		70-130	3		30
Naphthalene	95		98		70-130	3		30
Acrylonitrile	84		79		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG827762-1 WG827762-2								
Isopropyl Ether	80		83		66-130	4		30
tert-Butyl Alcohol	75		79		70-130	5		30
n-Propylbenzene	99		96		70-130	3		30
1,2,3-Trichlorobenzene	102		101		70-130	1		30
1,2,4-Trichlorobenzene	105		105		70-130	0		30
1,3,5-Trimethylbenzene	100		98		70-130	2		30
1,2,4-Trimethylbenzene	100		99		70-130	1		30
Methyl Acetate	76		79		51-146	4		30
Ethyl Acetate	76		78		70-130	3		30
Acrolein	80		79		70-130	1		30
Cyclohexane	89		83		59-142	7		30
1,4-Dioxane	81		81		65-136	0		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	92		84		50-139	9		30
p-Diethylbenzene	101		100		70-130	1		30
p-Ethyltoluene	100		98		70-130	2		30
1,2,4,5-Tetramethylbenzene	99		99		70-130	0		30
Tetrahydrofuran	74		71		66-130	4		30
Ethyl ether	82		80		67-130	2		30
trans-1,4-Dichloro-2-butene	82		85		70-130	4		30
Methyl cyclohexane	90		84		70-130	7		30
Ethyl-Tert-Butyl-Ether	82		84		70-130	2		30

Lab Control Sample Analysis Batch Quality Control

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG827762-1 WG827762-2								
Tertiary-Amyl Methyl Ether	83		83		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		93		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	98		97		70-130

SEMIVOLATILES

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-01
Client ID: AEI-B1
Sample Location: 440 EXTERIOR STREET, BRONX
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/03/15 15:40
Analyst: JB
Percent Solids: 82%

Date Collected: 09/25/15 09:40
Date Received: 09/25/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/02/15 09:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	41.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	65.	1
Hexachlorobenzene	ND		ug/kg	120	37.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	55.	1
2-Chloronaphthalene	ND		ug/kg	200	64.	1
1,2-Dichlorobenzene	ND		ug/kg	200	65.	1
1,3-Dichlorobenzene	ND		ug/kg	200	62.	1
1,4-Dichlorobenzene	ND		ug/kg	200	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	42.	1
2,6-Dinitrotoluene	ND		ug/kg	200	50.	1
Fluoranthene	ND		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	69.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	60.	1
Hexachlorobutadiene	ND		ug/kg	200	56.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	130	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	52.	1
Naphthalene	190	J	ug/kg	200	66.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	59.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	52.	1
Butyl benzyl phthalate	ND		ug/kg	200	38.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	48.	1
Diethyl phthalate	ND		ug/kg	200	42.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-01

Date Collected: 09/25/15 09:40

Client ID: AEI-B1

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	120	39.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	40.	1
Benzo(k)fluoranthene	ND		ug/kg	120	38.	1
Chrysene	ND		ug/kg	120	39.	1
Acenaphthylene	ND		ug/kg	160	37.	1
Anthracene	ND		ug/kg	120	33.	1
Benzo(ghi)perylene	ND		ug/kg	160	41.	1
Fluorene	ND		ug/kg	200	56.	1
Phenanthrene	ND		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	160	44.	1
Pyrene	53	J	ug/kg	120	38.	1
Biphenyl	ND		ug/kg	450	65.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	56.	1
3-Nitroaniline	ND		ug/kg	200	54.	1
4-Nitroaniline	ND		ug/kg	200	53.	1
Dibenzofuran	ND		ug/kg	200	66.	1
2-Methylnaphthalene	ND		ug/kg	240	63.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	61.	1
Acetophenone	ND		ug/kg	200	61.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	200	57.	1
2-Chlorophenol	ND		ug/kg	200	60.	1
2,4-Dichlorophenol	ND		ug/kg	180	64.	1
2,4-Dimethylphenol	ND		ug/kg	200	59.	1
2-Nitrophenol	ND		ug/kg	430	62.	1
4-Nitrophenol	ND		ug/kg	280	64.	1
2,4-Dinitrophenol	ND		ug/kg	950	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	72.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	200	58.	1
2-Methylphenol	ND		ug/kg	200	64.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	65.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	64.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	ND		ug/kg	200	42.	1

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-01

Date Collected: 09/25/15 09:40

Client ID: AEI-B1

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	70		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	51		18-120

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-02 D
 Client ID: AEI-B2
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/03/15 16:05
 Analyst: JB
 Percent Solids: 87%

Date Collected: 09/25/15 10:20
 Date Received: 09/25/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/02/15 09:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	250	J	ug/kg	300	77.	2
1,2,4-Trichlorobenzene	ND		ug/kg	370	120	2
Hexachlorobenzene	ND		ug/kg	220	69.	2
Bis(2-chloroethyl)ether	ND		ug/kg	340	100	2
2-Chloronaphthalene	ND		ug/kg	370	120	2
1,2-Dichlorobenzene	ND		ug/kg	370	120	2
1,3-Dichlorobenzene	ND		ug/kg	370	120	2
1,4-Dichlorobenzene	ND		ug/kg	370	110	2
3,3'-Dichlorobenzidine	ND		ug/kg	370	99.	2
2,4-Dinitrotoluene	ND		ug/kg	370	80.	2
2,6-Dinitrotoluene	ND		ug/kg	370	95.	2
Fluoranthene	3400		ug/kg	220	68.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	370	110	2
4-Bromophenyl phenyl ether	ND		ug/kg	370	86.	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	450	130	2
Bis(2-chloroethoxy)methane	ND		ug/kg	400	110	2
Hexachlorobutadiene	ND		ug/kg	370	100	2
Hexachlorocyclopentadiene	ND		ug/kg	1100	240	2
Hexachloroethane	ND		ug/kg	300	68.	2
Isophorone	ND		ug/kg	340	99.	2
Naphthalene	170	J	ug/kg	370	120	2
Nitrobenzene	ND		ug/kg	340	89.	2
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	300	78.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	370	110	2
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	370	98.	2
Butyl benzyl phthalate	ND		ug/kg	370	73.	2
Di-n-butylphthalate	ND		ug/kg	370	72.	2
Di-n-octylphthalate	ND		ug/kg	370	92.	2
Diethyl phthalate	ND		ug/kg	370	79.	2
Dimethyl phthalate	ND		ug/kg	370	95.	2

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-02 D
 Client ID: AEI-B2
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 10:20
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	1700		ug/kg	220	73.	2
Benzo(a)pyrene	1700		ug/kg	300	91.	2
Benzo(b)fluoranthene	2000		ug/kg	220	75.	2
Benzo(k)fluoranthene	680		ug/kg	220	71.	2
Chrysene	1600		ug/kg	220	73.	2
Acenaphthylene	ND		ug/kg	300	70.	2
Anthracene	390		ug/kg	220	62.	2
Benzo(ghi)perylene	1100		ug/kg	300	77.	2
Fluorene	130	J	ug/kg	370	110	2
Phenanthrene	1200		ug/kg	220	73.	2
Dibenzo(a,h)anthracene	250		ug/kg	220	72.	2
Indeno(1,2,3-cd)Pyrene	1100		ug/kg	300	83.	2
Pyrene	3000		ug/kg	220	72.	2
Biphenyl	ND		ug/kg	850	120	2
4-Chloroaniline	ND		ug/kg	370	98.	2
2-Nitroaniline	ND		ug/kg	370	100	2
3-Nitroaniline	ND		ug/kg	370	100	2
4-Nitroaniline	ND		ug/kg	370	100	2
Dibenzofuran	ND		ug/kg	370	120	2
2-Methylnaphthalene	ND		ug/kg	450	120	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	370	120	2
Acetophenone	ND		ug/kg	370	120	2
2,4,6-Trichlorophenol	ND		ug/kg	220	70.	2
P-Chloro-M-Cresol	ND		ug/kg	370	110	2
2-Chlorophenol	ND		ug/kg	370	110	2
2,4-Dichlorophenol	ND		ug/kg	340	120	2
2,4-Dimethylphenol	ND		ug/kg	370	110	2
2-Nitrophenol	ND		ug/kg	800	120	2
4-Nitrophenol	ND		ug/kg	520	120	2
2,4-Dinitrophenol	ND		ug/kg	1800	510	2
4,6-Dinitro-o-cresol	ND		ug/kg	970	140	2
Pentachlorophenol	ND		ug/kg	300	80.	2
Phenol	ND		ug/kg	370	110	2
2-Methylphenol	ND		ug/kg	370	120	2
3-Methylphenol/4-Methylphenol	ND		ug/kg	540	120	2
2,4,5-Trichlorophenol	ND		ug/kg	370	120	2
Benzoic Acid	ND		ug/kg	1200	380	2
Benzyl Alcohol	ND		ug/kg	370	110	2
Carbazole	ND		ug/kg	370	80.	2

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-02 D

Date Collected: 09/25/15 10:20

Client ID: AEI-B2

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	66		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	44		18-120

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-03
Client ID: AEI-B3
Sample Location: 440 EXTERIOR STREET, BRONX
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/03/15 16:30
Analyst: JB
Percent Solids: 84%

Date Collected: 09/25/15 10:50
Date Received: 09/25/15
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 10/02/15 09:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	40.	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	64.	1
Hexachlorobenzene	ND		ug/kg	120	36.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	55.	1
2-Chloronaphthalene	ND		ug/kg	200	64.	1
1,2-Dichlorobenzene	ND		ug/kg	200	64.	1
1,3-Dichlorobenzene	ND		ug/kg	200	62.	1
1,4-Dichlorobenzene	ND		ug/kg	200	60.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	42.	1
2,6-Dinitrotoluene	ND		ug/kg	200	50.	1
Fluoranthene	240		ug/kg	120	36.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	60.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	45.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	69.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	59.	1
Hexachlorobutadiene	ND		ug/kg	200	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	120	1
Hexachloroethane	ND		ug/kg	160	36.	1
Isophorone	ND		ug/kg	180	52.	1
Naphthalene	ND		ug/kg	200	65.	1
Nitrobenzene	ND		ug/kg	180	47.	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	160	41.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	58.	1
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	200	51.	1
Butyl benzyl phthalate	ND		ug/kg	200	38.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	48.	1
Diethyl phthalate	ND		ug/kg	200	41.	1
Dimethyl phthalate	ND		ug/kg	200	50.	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-03
 Client ID: AEI-B3
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 10:50
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	120		ug/kg	120	38.	1
Benzo(a)pyrene	140	J	ug/kg	160	48.	1
Benzo(b)fluoranthene	160		ug/kg	120	40.	1
Benzo(k)fluoranthene	56	J	ug/kg	120	37.	1
Chrysene	110	J	ug/kg	120	38.	1
Acenaphthylene	ND		ug/kg	160	37.	1
Anthracene	44	J	ug/kg	120	33.	1
Benzo(ghi)perylene	120	J	ug/kg	160	41.	1
Fluorene	ND		ug/kg	200	56.	1
Phenanthrene	150		ug/kg	120	38.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	38.	1
Indeno(1,2,3-cd)Pyrene	110	J	ug/kg	160	44.	1
Pyrene	220		ug/kg	120	38.	1
Biphenyl	ND		ug/kg	450	65.	1
4-Chloroaniline	ND		ug/kg	200	52.	1
2-Nitroaniline	ND		ug/kg	200	55.	1
3-Nitroaniline	ND		ug/kg	200	54.	1
4-Nitroaniline	ND		ug/kg	200	53.	1
Dibenzofuran	ND		ug/kg	200	66.	1
2-Methylnaphthalene	ND		ug/kg	240	63.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	61.	1
Acetophenone	ND		ug/kg	200	61.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
P-Chloro-M-Cresol	ND		ug/kg	200	57.	1
2-Chlorophenol	ND		ug/kg	200	59.	1
2,4-Dichlorophenol	ND		ug/kg	180	64.	1
2,4-Dimethylphenol	ND		ug/kg	200	58.	1
2-Nitrophenol	ND		ug/kg	420	61.	1
4-Nitrophenol	ND		ug/kg	270	64.	1
2,4-Dinitrophenol	ND		ug/kg	940	270	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	72.	1
Pentachlorophenol	ND		ug/kg	160	42.	1
Phenol	ND		ug/kg	200	58.	1
2-Methylphenol	ND		ug/kg	200	63.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	64.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	64.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	ND		ug/kg	200	42.	1

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-03

Date Collected: 09/25/15 10:50

Client ID: AEI-B3

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	42		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	55		18-120

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-04 D
 Client ID: AEI-B4
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 10/03/15 16:56
 Analyst: JB
 Percent Solids: 79%

Date Collected: 09/25/15 11:10
 Date Received: 09/25/15
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 10/02/15 09:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	4900		ug/kg	660	170	4
1,2,4-Trichlorobenzene	ND		ug/kg	830	270	4
Hexachlorobenzene	ND		ug/kg	500	150	4
Bis(2-chloroethyl)ether	ND		ug/kg	750	230	4
2-Chloronaphthalene	ND		ug/kg	830	270	4
1,2-Dichlorobenzene	ND		ug/kg	830	270	4
1,3-Dichlorobenzene	ND		ug/kg	830	260	4
1,4-Dichlorobenzene	ND		ug/kg	830	250	4
3,3'-Dichlorobenzidine	ND		ug/kg	830	220	4
2,4-Dinitrotoluene	ND		ug/kg	830	180	4
2,6-Dinitrotoluene	ND		ug/kg	830	210	4
Fluoranthene	8500		ug/kg	500	150	4
4-Chlorophenyl phenyl ether	ND		ug/kg	830	250	4
4-Bromophenyl phenyl ether	ND		ug/kg	830	190	4
Bis(2-chloroisopropyl)ether	ND		ug/kg	1000	290	4
Bis(2-chloroethoxy)methane	ND		ug/kg	900	250	4
Hexachlorobutadiene	ND		ug/kg	830	230	4
Hexachlorocyclopentadiene	ND		ug/kg	2400	530	4
Hexachloroethane	ND		ug/kg	660	150	4
Isophorone	ND		ug/kg	750	220	4
Naphthalene	1800		ug/kg	830	280	4
Nitrobenzene	ND		ug/kg	750	200	4
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	660	170	4
n-Nitrosodi-n-propylamine	ND		ug/kg	830	250	4
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	830	220	4
Butyl benzyl phthalate	ND		ug/kg	830	160	4
Di-n-butylphthalate	ND		ug/kg	830	160	4
Di-n-octylphthalate	ND		ug/kg	830	200	4
Diethyl phthalate	ND		ug/kg	830	180	4
Dimethyl phthalate	ND		ug/kg	830	210	4

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-04 D
 Client ID: AEI-B4
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 11:10
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	5700		ug/kg	500	160	4
Benzo(a)pyrene	6800		ug/kg	660	200	4
Benzo(b)fluoranthene	4600		ug/kg	500	170	4
Benzo(k)fluoranthene	1200		ug/kg	500	160	4
Chrysene	6000		ug/kg	500	160	4
Acenaphthylene	8000		ug/kg	660	160	4
Anthracene	1900		ug/kg	500	140	4
Benzo(ghi)perylene	5600		ug/kg	660	170	4
Fluorene	6000		ug/kg	830	240	4
Phenanthrene	1400		ug/kg	500	160	4
Dibenzo(a,h)anthracene	820		ug/kg	500	160	4
Indeno(1,2,3-cd)Pyrene	3200		ug/kg	660	180	4
Pyrene	20000		ug/kg	500	160	4
Biphenyl	ND		ug/kg	1900	270	4
4-Chloroaniline	ND		ug/kg	830	220	4
2-Nitroaniline	ND		ug/kg	830	230	4
3-Nitroaniline	ND		ug/kg	830	230	4
4-Nitroaniline	ND		ug/kg	830	220	4
Dibenzofuran	ND		ug/kg	830	280	4
2-Methylnaphthalene	ND		ug/kg	1000	260	4
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	830	260	4
Acetophenone	ND		ug/kg	830	260	4
2,4,6-Trichlorophenol	ND		ug/kg	500	160	4
P-Chloro-M-Cresol	ND		ug/kg	830	240	4
2-Chlorophenol	ND		ug/kg	830	250	4
2,4-Dichlorophenol	ND		ug/kg	750	270	4
2,4-Dimethylphenol	ND		ug/kg	830	250	4
2-Nitrophenol	ND		ug/kg	1800	260	4
4-Nitrophenol	ND		ug/kg	1200	270	4
2,4-Dinitrophenol	ND		ug/kg	4000	1100	4
4,6-Dinitro-o-cresol	ND		ug/kg	2200	300	4
Pentachlorophenol	ND		ug/kg	660	180	4
Phenol	ND		ug/kg	830	240	4
2-Methylphenol	ND		ug/kg	830	270	4
3-Methylphenol/4-Methylphenol	ND		ug/kg	1200	270	4
2,4,5-Trichlorophenol	ND		ug/kg	830	270	4
Benzoic Acid	ND		ug/kg	2700	840	4
Benzyl Alcohol	ND		ug/kg	830	260	4
Carbazole	ND		ug/kg	830	180	4

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-04 D

Date Collected: 09/25/15 11:10

Client ID: AEI-B4

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	53		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	48		18-120

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-05
 Client ID: AEI-GW1
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 10/04/15 18:44
 Analyst: MY

Date Collected: 09/25/15 12:20
 Date Received: 09/25/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	ND		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	ND		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-05
 Client ID: AEI-GW1
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 12:20
 Date Received: 09/25/15
 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	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	9.7	J	ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	ND		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	100		41-149

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-05
Client ID: AEI-GW1
Sample Location: 440 EXTERIOR STREET, BRONX
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/03/15 16:55
Analyst: MW

Date Collected: 09/25/15 12:20
Date Received: 09/25/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 04:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.10	J	ug/l	0.20	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.06	J	ug/l	0.20	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	0.15	J	ug/l	0.20	0.04	1
Benzo(a)anthracene	ND		ug/l	0.20	0.02	1
Benzo(a)pyrene	ND		ug/l	0.20	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04	1
Chrysene	ND		ug/l	0.20	0.04	1
Acenaphthylene	0.09	J	ug/l	0.20	0.04	1
Anthracene	0.07	J	ug/l	0.20	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.20	0.04	1
Fluorene	ND		ug/l	0.20	0.04	1
Phenanthrene	ND		ug/l	0.20	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.04	1
Pyrene	0.19	J	ug/l	0.20	0.04	1
2-Methylnaphthalene	ND		ug/l	0.20	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: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-05

Date Collected: 09/25/15 12:20

Client ID: AEI-GW1

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	31		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	79		41-149

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-06
 Client ID: AEI-GW2
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 10/02/15 19:47
 Analyst: MY

Date Collected: 09/25/15 12:55
 Date Received: 09/25/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	2.0	J	ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	0.44	J	ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	1.3	J	ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-06
 Client ID: AEI-GW2
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 12:55
 Date Received: 09/25/15
 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	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	11		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	114		10-120
4-Terphenyl-d14	101		41-149

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-06 D
 Client ID: AEI-GW2
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/04/15 14:32
 Analyst: MW

Date Collected: 09/25/15 12:55
 Date Received: 09/25/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 04:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	22		ug/l	0.40	0.07	2
2-Chloronaphthalene	ND		ug/l	0.40	0.07	2
Fluoranthene	1.1		ug/l	0.40	0.08	2
Hexachlorobutadiene	ND		ug/l	1.0	0.07	2
Naphthalene	ND		ug/l	0.40	0.09	2
Benzo(a)anthracene	0.23	J	ug/l	0.40	0.03	2
Benzo(a)pyrene	0.22	J	ug/l	0.40	0.08	2
Benzo(b)fluoranthene	0.20	J	ug/l	0.40	0.03	2
Benzo(k)fluoranthene	ND		ug/l	0.40	0.08	2
Chrysene	0.24	J	ug/l	0.40	0.08	2
Acenaphthylene	1.0		ug/l	0.40	0.07	2
Anthracene	1.3		ug/l	0.40	0.07	2
Benzo(ghi)perylene	0.30	J	ug/l	0.40	0.08	2
Fluorene	4.3		ug/l	0.40	0.07	2
Phenanthrene	1.3		ug/l	0.40	0.03	2
Dibenzo(a,h)anthracene	ND		ug/l	0.40	0.08	2
Indeno(1,2,3-cd)Pyrene	0.13	J	ug/l	0.40	0.08	2
Pyrene	1.4		ug/l	0.40	0.08	2
2-Methylnaphthalene	0.22	J	ug/l	0.40	0.09	2
Pentachlorophenol	ND		ug/l	1.6	0.44	2
Hexachlorobenzene	ND		ug/l	1.6	0.06	2
Hexachloroethane	ND		ug/l	1.6	0.06	2

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-06 D

Date Collected: 09/25/15 12:55

Client ID: AEI-GW2

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	28		21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	64		41-149

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-07
Client ID: AEI-GW3
Sample Location: 440 EXTERIOR STREET, BRONX
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/02/15 20:12
Analyst: MY

Date Collected: 09/25/15 13:20
Date Received: 09/25/15
Field Prep: Not Specified
Extraction Method: EPA 3510C
Extraction Date: 10/02/15 05:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.58	1
Isophorone	ND		ug/l	5.0	0.79	1
Nitrobenzene	ND		ug/l	2.0	0.40	1
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.1	1
Di-n-butylphthalate	ND		ug/l	5.0	0.77	1
Di-n-octylphthalate	ND		ug/l	5.0	1.2	1
Diethyl phthalate	ND		ug/l	5.0	0.39	1
Dimethyl phthalate	ND		ug/l	5.0	0.33	1
Biphenyl	4.6		ug/l	2.0	0.24	1
4-Chloroaniline	ND		ug/l	5.0	0.84	1
2-Nitroaniline	ND		ug/l	5.0	0.96	1
3-Nitroaniline	ND		ug/l	5.0	0.67	1
4-Nitroaniline	ND		ug/l	5.0	0.83	1
Dibenzofuran	4.7		ug/l	2.0	0.22	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36	1

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-07
 Client ID: AEI-GW3
 Sample Location: 440 EXTERIOR STREET, BRONX

Date Collected: 09/25/15 13:20
 Date Received: 09/25/15
 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	0.43	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78	1
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54	1
2-Chlorophenol	ND		ug/l	2.0	0.58	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.56	1
2,4-Dimethylphenol	ND		ug/l	5.0	0.58	1
2-Nitrophenol	ND		ug/l	10	1.0	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	1.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4	1
Phenol	ND		ug/l	5.0	0.27	1
2-Methylphenol	ND		ug/l	5.0	0.70	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75	1
Benzoic Acid	ND		ug/l	50	1.0	1
Benzyl Alcohol	ND		ug/l	2.0	0.68	1
Carbazole	2.0		ug/l	2.0	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	107		10-120
4-Terphenyl-d14	100		41-149

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-07 D
 Client ID: AEI-GW3
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 10/04/15 14:57
 Analyst: MW

Date Collected: 09/25/15 13:20
 Date Received: 09/25/15
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 10/02/15 04:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	40		ug/l	1.0	0.18	5
2-Chloronaphthalene	ND		ug/l	1.0	0.18	5
Fluoranthene	2.9		ug/l	1.0	0.19	5
Hexachlorobutadiene	ND		ug/l	2.5	0.18	5
Naphthalene	ND		ug/l	1.0	0.22	5
Benzo(a)anthracene	0.89	J	ug/l	1.0	0.08	5
Benzo(a)pyrene	0.63	J	ug/l	1.0	0.20	5
Benzo(b)fluoranthene	0.45	J	ug/l	1.0	0.08	5
Benzo(k)fluoranthene	ND		ug/l	1.0	0.21	5
Chrysene	0.87	J	ug/l	1.0	0.19	5
Acenaphthylene	6.9		ug/l	1.0	0.18	5
Anthracene	3.4		ug/l	1.0	0.18	5
Benzo(ghi)perylene	0.35	J	ug/l	1.0	0.21	5
Fluorene	8.8		ug/l	1.0	0.18	5
Phenanthrene	7.5		ug/l	1.0	0.08	5
Dibenzo(a,h)anthracene	ND		ug/l	1.0	0.20	5
Indeno(1,2,3-cd)Pyrene	0.20	J	ug/l	1.0	0.20	5
Pyrene	4.8		ug/l	1.0	0.20	5
2-Methylnaphthalene	0.56	J	ug/l	1.0	0.22	5
Pentachlorophenol	ND		ug/l	4.0	1.1	5
Hexachlorobenzene	ND		ug/l	4.0	0.16	5
Hexachloroethane	ND		ug/l	4.0	0.15	5

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-07 D

Date Collected: 09/25/15 13:20

Client ID: AEI-GW3

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

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	34		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	74		41-149

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/02/15 11:12
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 10/02/15 04:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-07 Batch: WG827138-1					
Acenaphthene	ND		ug/l	0.20	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.20	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.20	0.04
Benzo(a)anthracene	ND		ug/l	0.20	0.02
Benzo(a)pyrene	ND		ug/l	0.20	0.04
Benzo(b)fluoranthene	ND		ug/l	0.20	0.02
Benzo(k)fluoranthene	ND		ug/l	0.20	0.04
Chrysene	ND		ug/l	0.20	0.04
Acenaphthylene	ND		ug/l	0.20	0.04
Anthracene	ND		ug/l	0.20	0.04
Benzo(ghi)perylene	ND		ug/l	0.20	0.04
Fluorene	ND		ug/l	0.20	0.04
Phenanthrene	ND		ug/l	0.20	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.20	0.04
Indeno(1,2,3-cd)Pyrene	ND		ug/l	0.20	0.04
Pyrene	ND		ug/l	0.20	0.04
2-Methylnaphthalene	ND		ug/l	0.20	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: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/02/15 11:12
Analyst: MW

Extraction Method: EPA 3510C
Extraction Date: 10/02/15 04:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 05-07 Batch: WG827138-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	97		41-149

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/02/15 18:31
Analyst: MY

Extraction Method: EPA 3510C
Extraction Date: 10/02/15 05:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG827149-1					
Acenaphthene	ND		ug/l	2.0	0.28
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.21
Hexachlorobenzene	ND		ug/l	2.0	0.40
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.41
2-Chloronaphthalene	ND		ug/l	2.0	0.46
1,2-Dichlorobenzene	ND		ug/l	2.0	0.30
1,3-Dichlorobenzene	ND		ug/l	2.0	0.35
1,4-Dichlorobenzene	ND		ug/l	2.0	0.32
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.48
2,4-Dinitrotoluene	ND		ug/l	5.0	1.0
2,6-Dinitrotoluene	ND		ug/l	5.0	0.89
Fluoranthene	ND		ug/l	2.0	0.40
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.36
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.43
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.60
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.60
Hexachlorobutadiene	ND		ug/l	2.0	0.42
Hexachlorocyclopentadiene	ND		ug/l	20	0.58
Hexachloroethane	ND		ug/l	2.0	0.30
Isophorone	ND		ug/l	5.0	0.79
Naphthalene	ND		ug/l	2.0	0.33
Nitrobenzene	ND		ug/l	2.0	0.40
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/l	2.0	0.34
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-Ethylhexyl)phthalate	ND		ug/l	3.0	0.93
Butyl benzyl phthalate	ND		ug/l	5.0	1.1
Di-n-butylphthalate	ND		ug/l	5.0	0.77
Di-n-octylphthalate	ND		ug/l	5.0	1.2
Diethyl phthalate	ND		ug/l	5.0	0.39

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/02/15 18:31
Analyst: MY

Extraction Method: EPA 3510C
Extraction Date: 10/02/15 05:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG827149-1					
Dimethyl phthalate	ND		ug/l	5.0	0.33
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.66
Benzo(b)fluoranthene	ND		ug/l	2.0	0.37
Benzo(k)fluoranthene	ND		ug/l	2.0	0.30
Chrysene	ND		ug/l	2.0	0.30
Acenaphthylene	ND		ug/l	2.0	0.37
Anthracene	ND		ug/l	2.0	0.20
Benzo(ghi)perylene	ND		ug/l	2.0	0.57
Fluorene	ND		ug/l	2.0	0.32
Phenanthrene	ND		ug/l	2.0	0.23
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.44
Indeno(1,2,3-cd)Pyrene	ND		ug/l	2.0	0.43
Pyrene	ND		ug/l	2.0	0.52
Biphenyl	ND		ug/l	2.0	0.24
4-Chloroaniline	ND		ug/l	5.0	0.84
2-Nitroaniline	ND		ug/l	5.0	0.96
3-Nitroaniline	ND		ug/l	5.0	0.67
4-Nitroaniline	ND		ug/l	5.0	0.83
Dibenzofuran	ND		ug/l	2.0	0.22
2-Methylnaphthalene	ND		ug/l	2.0	0.36
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.36
Acetophenone	ND		ug/l	5.0	0.43
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.78
P-Chloro-M-Cresol	ND		ug/l	2.0	0.54
2-Chlorophenol	ND		ug/l	2.0	0.58
2,4-Dichlorophenol	ND		ug/l	5.0	0.56
2,4-Dimethylphenol	ND		ug/l	5.0	0.58
2-Nitrophenol	ND		ug/l	10	1.0

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/02/15 18:31
Analyst: MY

Extraction Method: EPA 3510C
Extraction Date: 10/02/15 05:03

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 05-07 Batch: WG827149-1					
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	1.4
4,6-Dinitro-o-cresol	ND		ug/l	10	1.4
Pentachlorophenol	ND		ug/l	10	3.2
Phenol	ND		ug/l	5.0	0.27
2-Methylphenol	ND		ug/l	5.0	0.70
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.72
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.75
Benzoic Acid	ND		ug/l	50	1.0
Benzyl Alcohol	ND		ug/l	2.0	0.68
Carbazole	ND		ug/l	2.0	0.37

Tentatively Identified Compounds

Unknown 7.6 J ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	97		41-149

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/03/15 09:23
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 10/02/15 09:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG827244-1					
Acenaphthene	ND		ug/kg	130	34.
Benzidine	ND		ug/kg	540	130
n-Nitrosodimethylamine	ND		ug/kg	330	53.
1,2,4-Trichlorobenzene	ND		ug/kg	160	54.
Hexachlorobenzene	ND		ug/kg	98	30.
Bis(2-chloroethyl)ether	ND		ug/kg	150	46.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	54.
1,3-Dichlorobenzene	ND		ug/kg	160	52.
1,4-Dichlorobenzene	ND		ug/kg	160	50.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	98	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	50.
4-Bromophenyl phenyl ether	ND		ug/kg	160	38.
Azobenzene	ND		ug/kg	160	44.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	58.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	50.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	470	100
Hexachloroethane	ND		ug/kg	130	30.
Isophorone	ND		ug/kg	150	44.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	150	39.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	49.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	43.
Butyl benzyl phthalate	ND		ug/kg	160	32.

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/03/15 09:23
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 10/02/15 09:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG827244-1					
Di-n-butylphthalate	ND		ug/kg	160	32.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	35.
Dimethyl phthalate	ND		ug/kg	160	42.
Benzo(a)anthracene	ND		ug/kg	98	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	33.
Benzo(k)fluoranthene	ND		ug/kg	98	31.
Chrysene	ND		ug/kg	98	32.
Acenaphthylene	ND		ug/kg	130	31.
Anthracene	ND		ug/kg	98	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	47.
Phenanthrene	ND		ug/kg	98	32.
Dibenzo(a,h)anthracene	ND		ug/kg	98	32.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	98	32.
Biphenyl	ND		ug/kg	370	54.
Aniline	ND		ug/kg	200	33.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	55.
2-Methylnaphthalene	ND		ug/kg	200	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	51.
Acetophenone	ND		ug/kg	160	51.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
P-Chloro-M-Cresol	ND		ug/kg	160	48.

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/03/15 09:23
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 10/02/15 09:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG827244-1					
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	150	53.
2,4-Dimethylphenol	ND		ug/kg	160	49.
2-Nitrophenol	ND		ug/kg	350	51.
4-Nitrophenol	ND		ug/kg	230	53.
2,4-Dinitrophenol	ND		ug/kg	790	220
4,6-Dinitro-o-cresol	ND		ug/kg	430	60.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	53.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	54.
2,4,5-Trichlorophenol	ND		ug/kg	160	53.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	220	66.
Caprolactam	ND		ug/kg	160	45.
Atrazine	ND		ug/kg	130	37.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	28.
Pyridine	ND		ug/kg	660	59.
Parathion, ethyl	ND		ug/kg	160	65.
1-Methylnaphthalene	ND		ug/kg	160	49.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/03/15 09:23
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 10/02/15 09:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG827244-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		25-120
Phenol-d6	42		10-120
Nitrobenzene-d5	41		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	95		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-07 Batch: WG827138-2 WG827138-3								
Acenaphthene	93		91		37-111	2		40
2-Chloronaphthalene	99		96		40-140	3		40
Fluoranthene	101		98		40-140	3		40
Hexachlorobutadiene	89		86		40-140	3		40
Naphthalene	88		86		40-140	2		40
Benzo(a)anthracene	96		96		40-140	0		40
Benzo(a)pyrene	95		96		40-140	1		40
Benzo(b)fluoranthene	97		96		40-140	1		40
Benzo(k)fluoranthene	94		93		40-140	1		40
Chrysene	92		92		40-140	0		40
Acenaphthylene	101		98		40-140	3		40
Anthracene	97		95		40-140	2		40
Benzo(ghi)perylene	96		96		40-140	0		40
Fluorene	97		95		40-140	2		40
Phenanthrene	94		93		40-140	1		40
Dibenzo(a,h)anthracene	96		96		40-140	0		40
Indeno(1,2,3-cd)Pyrene	94		94		40-140	0		40
Pyrene	99		97		26-127	2		40
2-Methylnaphthalene	94		91		40-140	3		40
Pentachlorophenol	92		88		9-103	4		40
Hexachlorobenzene	97		95		40-140	2		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 05-07 Batch: WG827138-2 WG827138-3								
Hexachloroethane	91		89		40-140	2		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		53		21-120
Phenol-d6	38		37		10-120
Nitrobenzene-d5	96		94		23-120
2-Fluorobiphenyl	93		90		15-120
2,4,6-Tribromophenol	111		107		10-120
4-Terphenyl-d14	93		90		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG827149-2 WG827149-3								
Acenaphthene	97		94		37-111	3		30
1,2,4-Trichlorobenzene	74		72		39-98	3		30
Hexachlorobenzene	109		106		40-140	3		30
Bis(2-chloroethyl)ether	75		72		40-140	4		30
2-Chloronaphthalene	86		84		40-140	2		30
1,2-Dichlorobenzene	64		60		40-140	6		30
1,3-Dichlorobenzene	60		57		40-140	5		30
1,4-Dichlorobenzene	61		58		36-97	5		30
3,3'-Dichlorobenzidine	84		82		40-140	2		30
2,4-Dinitrotoluene	116	Q	112	Q	24-96	4		30
2,6-Dinitrotoluene	100		95		40-140	5		30
Fluoranthene	103		99		40-140	4		30
4-Chlorophenyl phenyl ether	103		100		40-140	3		30
4-Bromophenyl phenyl ether	110		106		40-140	4		30
Bis(2-chloroisopropyl)ether	70		68		40-140	3		30
Bis(2-chloroethoxy)methane	81		78		40-140	4		30
Hexachlorobutadiene	69		70		40-140	1		30
Hexachlorocyclopentadiene	99		104		40-140	5		30
Hexachloroethane	58		56		40-140	4		30
Isophorone	81		79		40-140	3		30
Naphthalene	77		75		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Project Number: 347379

Lab Number: L1524105

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG827149-2 WG827149-3								
Nitrobenzene	88		85		40-140	3		30
NitrosoDiPhenylAmine(NDPA)/DPA	106		101		40-140	5		30
n-Nitrosodi-n-propylamine	79		77		29-132	3		30
Bis(2-Ethylhexyl)phthalate	92		91		40-140	1		30
Butyl benzyl phthalate	106		100		40-140	6		30
Di-n-butylphthalate	104		101		40-140	3		30
Di-n-octylphthalate	94		92		40-140	2		30
Diethyl phthalate	105		102		40-140	3		30
Dimethyl phthalate	106		102		40-140	4		30
Benzo(a)anthracene	94		92		40-140	2		30
Benzo(a)pyrene	95		93		40-140	2		30
Benzo(b)fluoranthene	97		90		40-140	7		30
Benzo(k)fluoranthene	91		93		40-140	2		30
Chrysene	91		90		40-140	1		30
Acenaphthylene	90		86		45-123	5		30
Anthracene	102		100		40-140	2		30
Benzo(ghi)perylene	98		96		40-140	2		30
Fluorene	102		99		40-140	3		30
Phenanthrene	98		96		40-140	2		30
Dibenzo(a,h)anthracene	103		101		40-140	2		30
Indeno(1,2,3-cd)Pyrene	99		98		40-140	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG827149-2 WG827149-3								
Pyrene	104		98		26-127	6		30
Biphenyl	96		94		54-104	2		30
4-Chloroaniline	79		76		40-140	4		30
2-Nitroaniline	101		97		52-143	4		30
3-Nitroaniline	92		92		25-145	0		30
4-Nitroaniline	111		104		51-143	7		30
Dibenzofuran	100		97		40-140	3		30
2-Methylnaphthalene	80		79		40-140	1		30
1,2,4,5-Tetrachlorobenzene	93		93		2-134	0		30
Acetophenone	84		81		39-129	4		30
2,4,6-Trichlorophenol	108		105		30-130	3		30
P-Chloro-M-Cresol	99	Q	95		23-97	4		30
2-Chlorophenol	79		74		27-123	7		30
2,4-Dichlorophenol	98		94		30-130	4		30
2,4-Dimethylphenol	88		83		30-130	6		30
2-Nitrophenol	90		87		30-130	3		30
4-Nitrophenol	64		61		10-80	5		30
2,4-Dinitrophenol	143	Q	142	Q	20-130	1		30
4,6-Dinitro-o-cresol	139		134		20-164	4		30
Pentachlorophenol	103		103		9-103	0		30
Phenol	37		35		12-110	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-07 Batch: WG827149-2 WG827149-3								
2-Methylphenol	70		67		30-130	4		30
3-Methylphenol/4-Methylphenol	66		64		30-130	3		30
2,4,5-Trichlorophenol	103		97		30-130	6		30
Benzoic Acid	43		46		10-110	7		30
Benzyl Alcohol	71		67		15-110	6		30
Carbazole	104		101		55-144	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	50		47		21-120
Phenol-d6	36		34		10-120
Nitrobenzene-d5	87		81		23-120
2-Fluorobiphenyl	89		85		15-120
2,4,6-Tribromophenol	113		112		10-120
4-Terphenyl-d14	104		99		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG827244-2 WG827244-3								
Acenaphthene	84		87		31-137	4		50
Benzidine	58		64		10-66	10		50
n-Nitrosodimethylamine	55		58		22-100	5		50
1,2,4-Trichlorobenzene	80		83		38-107	4		50
Hexachlorobenzene	99		100		40-140	1		50
Bis(2-chloroethyl)ether	60		64		40-140	6		50
2-Chloronaphthalene	81		84		40-140	4		50
1,2-Dichlorobenzene	66		70		40-140	6		50
1,3-Dichlorobenzene	63		68		40-140	8		50
1,4-Dichlorobenzene	65		67		28-104	3		50
3,3'-Dichlorobenzidine	85		82		40-140	4		50
2,4-Dinitrotoluene	93	Q	94	Q	28-89	1		50
2,6-Dinitrotoluene	89		91		40-140	2		50
Fluoranthene	89		92		40-140	3		50
4-Chlorophenyl phenyl ether	92		94		40-140	2		50
4-Bromophenyl phenyl ether	100		102		40-140	2		50
Azobenzene	80		82		40-140	2		50
Bis(2-chloroisopropyl)ether	55		58		40-140	5		50
Bis(2-chloroethoxy)methane	63		66		40-117	5		50
Hexachlorobutadiene	88		91		40-140	3		50
Hexachlorocyclopentadiene	80		83		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG827244-2 WG827244-3								
Hexachloroethane	62		68		40-140	9		50
Isophorone	64		69		40-140	8		50
Naphthalene	76		78		40-140	3		50
Nitrobenzene	71		76		40-140	7		50
NitrosoDiPhenylAmine(NDPA)/DPA	93		94		36-157	1		50
n-Nitrosodi-n-propylamine	65		70		32-121	7		50
Bis(2-Ethylhexyl)phthalate	77		81		40-140	5		50
Butyl benzyl phthalate	87		86		40-140	1		50
Di-n-butylphthalate	88		90		40-140	2		50
Di-n-octylphthalate	75		77		40-140	3		50
Diethyl phthalate	90		92		40-140	2		50
Dimethyl phthalate	90		92		40-140	2		50
Benzo(a)anthracene	78		82		40-140	5		50
Benzo(a)pyrene	84		88		40-140	5		50
Benzo(b)fluoranthene	80		86		40-140	7		50
Benzo(k)fluoranthene	81		84		40-140	4		50
Chrysene	77		81		40-140	5		50
Acenaphthylene	82		85		40-140	4		50
Anthracene	86		89		40-140	3		50
Benzo(ghi)perylene	86		88		40-140	2		50
Fluorene	87		91		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG827244-2 WG827244-3								
Phenanthrene	82		87		40-140	6		50
Dibenzo(a,h)anthracene	86		89		40-140	3		50
Indeno(1,2,3-cd)Pyrene	86		88		40-140	2		50
Pyrene	89		91		35-142	2		50
Biphenyl	86		89		54-104	3		50
Aniline	50		54		40-140	8		50
4-Chloroaniline	75		78		40-140	4		50
2-Nitroaniline	80		83		47-134	4		50
3-Nitroaniline	74		76		26-129	3		50
4-Nitroaniline	86		88		41-125	2		50
Dibenzofuran	86		88		40-140	2		50
2-Methylnaphthalene	77		81		40-140	5		50
1,2,4,5-Tetrachlorobenzene	93		97		40-117	4		50
Acetophenone	65		73		14-144	12		50
2,4,6-Trichlorophenol	95		100		30-130	5		50
P-Chloro-M-Cresol	82		87		26-103	6		50
2-Chlorophenol	69		74		25-102	7		50
2,4-Dichlorophenol	85		88		30-130	3		50
2,4-Dimethylphenol	71		74		30-130	4		50
2-Nitrophenol	74		79		30-130	7		50
4-Nitrophenol	84		86		11-114	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG827244-2 WG827244-3								
2,4-Dinitrophenol	53		61		4-130	14		50
4,6-Dinitro-o-cresol	85		90		10-130	6		50
Pentachlorophenol	80		81		17-109	1		50
Phenol	64		67		26-90	5		50
2-Methylphenol	66		72		30-130.	9		50
3-Methylphenol/4-Methylphenol	68		72		30-130	6		50
2,4,5-Trichlorophenol	86		88		30-130	2		50
Benzoic Acid	25		33		10-66	28		50
Benzyl Alcohol	67		72		40-140	7		50
Carbazole	88		89		54-128	1		50
Benzaldehyde	62		65		40-140	5		50
Caprolactam	74		79		15-130	7		50
Atrazine	100		105		40-140	5		50
2,3,4,6-Tetrachlorophenol	99		104		40-140	5		50
Pyridine	38		42		10-93	10		50
Parathion, ethyl	90		90		40-140	0		50
1-Methylnaphthalene	79		84		26-130	6		50

Lab Control Sample Analysis Batch Quality Control

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

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): 01-04 Batch: WG827244-2 WG827244-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	69		72		25-120
Phenol-d6	70		73		10-120
Nitrobenzene-d5	66		73		23-120
2-Fluorobiphenyl	85		89		30-120
2,4,6-Tribromophenol	101		104		10-136
4-Terphenyl-d14	96		97		18-120

METALS

Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-01

Date Collected: 09/25/15 09:40

Client ID: AEI-B1

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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Total Metals - Westborough Lab

Lead, Total	120		mg/kg	2.3	0.09	1	09/29/15 08:30	10/02/15 21:35	EPA 3050B	1,6010C	MC
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Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-02
 Client ID: AEI-B2
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 09/25/15 10:20
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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Total Metals - Westborough Lab

Lead, Total	120		mg/kg	2.2	0.09	1	09/29/15 08:30	10/02/15 21:38	EPA 3050B	1,6010C	MC
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Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-03
 Client ID: AEI-B3
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Soil
 Percent Solids: 84%

Date Collected: 09/25/15 10:50
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Lead, Total	37		mg/kg	2.3	0.09	1	09/29/15 08:30	10/02/15 21:42	EPA 3050B	1,6010C	MC



Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-04
 Client ID: AEI-B4
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Soil
 Percent Solids: 79%

Date Collected: 09/25/15 11:10
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Lead, Total	120		mg/kg	2.4	0.10	1	09/29/15 08:30	10/02/15 21:46	EPA 3050B	1,6010C	MC



Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-05

Date Collected: 09/25/15 12:20

Client ID: AEI-GW1

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Lead, Total	0.5590		mg/l	0.01000	0.00129	10	09/26/15 15:12	10/03/15 10:20	EPA 3005A	1,6020A	KL



Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-06

Date Collected: 09/25/15 12:55

Client ID: AEI-GW2

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Lead, Total	0.5778		mg/l	0.01000	0.00129	10	09/26/15 15:12	10/03/15 10:24	EPA 3005A	1,6020A	KL



Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-07

Date Collected: 09/25/15 13:20

Client ID: AEI-GW3

Date Received: 09/25/15

Sample Location: 440 EXTERIOR STREET, BRONX

Field Prep: Not Specified

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Lead, Total	0.1774		mg/l	0.00100	0.00012	1	09/26/15 15:12	10/02/15 18:54	EPA 3005A	1,6020A	KL



Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 05-07 Batch: WG825340-1									
Lead, Total	ND	mg/l	0.00100	0.00012	1	09/26/15 15:12	10/02/15 17:18	1,6020A	KL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-04 Batch: WG825939-1									
Lead, Total	ND	mg/kg	2.0	0.08	1	09/29/15 08:30	10/02/15 18:56	1,6010C	MC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 05-07 Batch: WG825340-2								
Lead, Total	98		-		80-120	-		
Total Metals - Westborough Lab Associated sample(s): 01-04 Batch: WG825939-2 SRM Lot Number: D088-540								
Lead, Total	91		-		81-117	-		

Matrix Spike Analysis Batch Quality Control

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	RPD Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 05-07 QC Batch ID: WG825340-3 WG825340-4 QC Sample: L1523729-09 Client ID: MS Sample												
Lead, Total	ND	0.51	0.5084	100		0.5196	102		75-125	2		20
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG825939-4 QC Sample: L1524077-07 Client ID: MS Sample												
Lead, Total	6.9	43.5	41	78		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Project Number: 347379

Lab Number: L1524105

Report Date: 10/05/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG825939-3 QC Sample: L1524077-07 Client ID: DUP Sample						
Lead, Total	6.9	5.6	mg/kg	21	Q	20

INORGANICS & MISCELLANEOUS

Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-01
 Client ID: AEI-B1
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Soil

Date Collected: 09/25/15 09:40
 Date Received: 09/25/15
 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	81.8		%	0.100	NA	1	-	09/28/15 16:32	30,2540G	RI



Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-02
Client ID: AEI-B2
Sample Location: 440 EXTERIOR STREET, BRONX
Matrix: Soil

Date Collected: 09/25/15 10:20
Date Received: 09/25/15
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	87.0		%	0.100	NA	1	-	09/28/15 16:32	30,2540G	RI



Project Name: 440 EXTERIOR ST.

Lab Number: L1524105

Project Number: 347379

Report Date: 10/05/15

SAMPLE RESULTS

Lab ID: L1524105-03
 Client ID: AEI-B3
 Sample Location: 440 EXTERIOR STREET, BRONX
 Matrix: Soil

Date Collected: 09/25/15 10:50
 Date Received: 09/25/15
 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	84.4		%	0.100	NA	1	-	09/28/15 16:32	30,2540G	RI



Project Name: 440 EXTERIOR ST.**Lab Number:** L1524105**Project Number:** 347379**Report Date:** 10/05/15**SAMPLE RESULTS**

Lab ID: L1524105-04
Client ID: AEI-B4
Sample Location: 440 EXTERIOR STREET, BRONX
Matrix: Soil

Date Collected: 09/25/15 11:10
Date Received: 09/25/15
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	78.6		%	0.100	NA	1	-	09/28/15 20:43	30,2540G	RT



Lab Duplicate Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST.

Project Number: 347379

Lab Number: L1524105

Report Date: 10/05/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG825735-1 QC Sample: L1524177-04 Client ID: DUP Sample						
Solids, Total	86.6	86.9	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 04 QC Batch ID: WG825805-1 QC Sample: L1524030-01 Client ID: DUP Sample						
Solids, Total	97.2	96.9	%	0		20

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 09/26/2015 04:01

Cooler Information Custody Seal Cooler

A Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524105-01A	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1524105-01B	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1524105-01C	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1524105-01D	Plastic 2oz unpreserved for TS	A	N/A	2.6	Y	Absent	TS(7)
L1524105-01E	Glass 120ml/4oz unpreserved	A	N/A	2.6	Y	Absent	NYTCL-8270(14),PB-TI(180)
L1524105-01X	Vial MeOH preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-01Y	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-01Z	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-02A	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1524105-02B	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1524105-02C	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1524105-02D	Plastic 2oz unpreserved for TS	A	N/A	2.6	Y	Absent	TS(7)
L1524105-02E	Glass 120ml/4oz unpreserved	A	N/A	2.6	Y	Absent	NYTCL-8270(14),PB-TI(180)
L1524105-02X	Vial MeOH preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-02Y	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-02Z	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-03A	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1524105-03B	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1524105-03C	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1524105-03D	Plastic 2oz unpreserved for TS	A	N/A	2.6	Y	Absent	TS(7)
L1524105-03E	Glass 120ml/4oz unpreserved	A	N/A	2.6	Y	Absent	NYTCL-8270(14),PB-TI(180)
L1524105-03X	Vial MeOH preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-03Y	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-03Z	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-04A	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1524105-04B	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)
L1524105-04C	5 gram Encore Sampler	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(2)

*Values in parentheses indicate holding time in days



Project Name: 440 EXTERIOR ST.

Project Number: 347379

Lab Number: L1524105

Report Date: 10/05/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524105-04D	Plastic 2oz unpreserved for TS	A	N/A	2.6	Y	Absent	TS(7)
L1524105-04E	Glass 120ml/4oz unpreserved	A	N/A	2.6	Y	Absent	NYTCL-8270(14),PB-TI(180)
L1524105-04X	Vial MeOH preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-04Y	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-04Z	Vial Water preserved split	A	N/A	2.6	Y	Absent	NYTCL-8260HLW(14)
L1524105-05A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1524105-05B	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1524105-05C	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1524105-05D	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524105-05E	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524105-05F	Plastic 250ml HNO3 preserved	A	<2	2.6	Y	Absent	PB-6020T(180)
L1524105-06A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1524105-06B	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1524105-06C	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1524105-06D	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524105-06E	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524105-06F	Plastic 250ml HNO3 preserved	A	<2	2.6	Y	Absent	PB-6020T(180)
L1524105-07A	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1524105-07B	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1524105-07C	Vial HCl preserved	A	N/A	2.6	Y	Absent	NYTCL-8260(14)
L1524105-07D	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524105-07E	Amber 1000ml unpreserved	A	7	2.6	Y	Absent	NYTCL-8270(7),NYTCL-8270-SIM(7)
L1524105-07F	Plastic 250ml HNO3 preserved	A	<2	2.6	Y	Absent	PB-6020T(180)

*Values in parentheses indicate holding time in days



Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
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.
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

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.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. 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.

Report Format: DU Report with 'J' Qualifiers



Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

Data Qualifiers

- 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.

Project Name: 440 EXTERIOR ST.
Project Number: 347379

Lab Number: L1524105
Report Date: 10/05/15

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

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

Westborough Facility

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

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

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.

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

Non-Potable Water

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

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

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F,**

EPA 353.2: Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, 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, SM9222D-MF.**

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

 NEW JERSEY CHAIN OF CUSTODY 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	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 of	Date Rec'd in Lab 9/26/15	ALPHA Job # L1524105																																														
		Project Information Project Name: 440 Exterior St. Project Location: 440 Exterior Street, Bronx Project # 347379 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> NJ Full / Reduced <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input checked="" type="checkbox"/> Other NYSDEC		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO # 94308																																													
		Client Information Client: AEI Consultants Address: 30 Montgomery St. Suite 220 Jersey City, NJ 07302 Phone: 201-332-1844 Fax: 201-332-1880 Email: bfriedman@aeiconsultants.com		Project Manager: Ben Friedman ALPHAQuote #:		Regulatory Requirement <input type="checkbox"/> SRS Residential/Non Residential <input type="checkbox"/> SRS Impact to Groundwater <input type="checkbox"/> NJ Ground Water Quality Standards <input type="checkbox"/> NJ IGW SPLP Leachate Criteria <input type="checkbox"/> Other	Site Information Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product:																																												
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																																															
For EPH, selection is REQUIRED: <input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2	For VOC, selection is REQUIRED: <input type="checkbox"/> 1,4-Dioxane <input type="checkbox"/> 8011	Other project specific requirements/comments: Please specify Metals or TAL.		<table border="1" style="width:100%; text-align: center;"> <tr> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td style="font-size: 2em;">VOCs</td> <td style="font-size: 2em;">SVOCs</td> <td style="font-size: 2em;">Lead</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>																	VOCs	SVOCs	Lead					Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)																							
				VOCs	SVOCs	Lead																																													
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time	Sample Matrix	Sampler's Initials							Sample Specific Comments																																								
24105 - 01	AEI-B1	9/25 9:40	Soil	BF	X	X	X																																												
-02	AEI-B2	9/25 10:20	Soil	BF	X	X	X																																												
-03	AEI-B3	9/25 10:50	Soil	BF	X	X	X																																												
-04	AEI-B4	9/25 11:10	soil	BF	X	X	X																																												
-05	AEI-GW1	9/25 12:20	Water	BF	X	X	X																																												
-06	AEI-GW2	9/25 12:55	Water	BF	X	X	X																																												
-07	AEI-GW3	9/25 1:20	Water	BF	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		<table border="1" style="width:100%; text-align: center;"> <tr> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td>E</td> <td>A</td> <td>P</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>V</td> <td>A</td> <td>P</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>A</td> <td>A</td> <td>A</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>A</td> <td>C</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										E	A	P						V	A	P						A	A	A						B	A	C						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.)	
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		[Signature]		9/26/15 01:10		[Signature]		9/26/15 01:10																																											

Total Bottles



ANALYTICAL REPORT

Lab Number:	L1524067
Client:	AEI Consultants 30 Montgomery Street Suite 220 Jersey City, NJ 07302
ATTN:	Ben Friedman
Phone:	(201) 332-1844
Project Name:	440 EXTERIOR ST
Project Number:	347379
Report Date:	10/02/15

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Certifications & Approvals: NY (11627), CT (PH-0141), NH (2206), NJ NELAP (MA015), RI (LAO00299), ME (MA00030), PA (68-02089), VA (460194), LA NELAP (03090), FL (E87814), TX (T104704419), WA (C954), USFWS (Permit #LE2069641), USDA (Permit #P330-11-00109), US Army Corps of Engineers.

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: 440 EXTERIOR ST
Project Number: 347379

Lab Number: L1524067
Report Date: 10/02/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1524067-01	SSV1	SOIL_VAPOR	440 EXTERIOR ST BRONX	09/25/15 11:54	09/25/15
L1524067-02	SSV2	SOIL_VAPOR	440 EXTERIOR ST BRONX	09/25/15 12:28	09/25/15
L1524067-03	SG1	SOIL_VAPOR	440 EXTERIOR ST BRONX	09/25/15 13:12	09/25/15
L1524067-04	SG2	SOIL_VAPOR	440 EXTERIOR ST BRONX	09/25/15 13:33	09/25/15

Project Name: 440 EXTERIOR ST
Project Number: 347379

Lab Number: L1524067
Report Date: 10/02/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. 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: 440 EXTERIOR ST
Project Number: 347379

Lab Number: L1524067
Report Date: 10/02/15

Case Narrative (continued)

NJDEP Volatile Organics in Air

Canisters were released from the laboratory on September 24, 2015. The canister certification results are provided as an addendum.

Any Manual integrations that were performed on L1524067 as well as its associated quality control samples and are noted on the individual quantitation reports. A listing of all manual integrations performed and the integration code definitions are provided in manual integration documentation section of the data package.

Please note, dilution analysis due to exceedance of the calibration range is not required for Ethanol or Isopropyl Alcohol.

GC column and trap information utilized for the analysis of this sample delivery group is detailed below:

Column Type: Restek RTX-1

Column Length: 60 Meters

Internal diameter: 0.52 mm

Film thickness: 1.00 um

Trap 1: Entech Cold Trap - no packing material

Trap 2: Entech Tenax - 20 cm packing material

Gaseous calibration standards were utilized for system calibration and quality control standards associated with this sample delivery group. These standards were purchased from Linde (formerly Spectra Gases).

Laboratory standard procedure for QC (i.e. method blanks, LCS) and sample analysis is to withdraw a 250 mL aliquot from the canister as the "1X" analysis. For some calibration levels and samples, subsequent dilutions will be performed as needed by decreasing aliquot volumes via the instrumentation, or performing a dilution using a second canister. Make-up air is not routinely added to canisters prior to sample analysis.

Project Name: 440 EXTERIOR ST
Project Number: 347379

Lab Number: L1524067
Report Date: 10/02/15

Case Narrative (continued)

Sample Receipt

The sample designated SG2 (L1524067-04) had a RPD for the pre- and post-flow controller calibration check (181% RPD) that was outside of the control limit (20% RPD). The initial flow rate for the flow controller was 198 mL/minute; the final flow rate was 199 mL/minute. The final pressure recorded by the laboratory of the associated canister was -28.2 inches of mercury. The flow controller was clogged and no sample was collected.

Volatile Organics in Air

L1524067-01 and -02 The presence of 2,2,4-Trimethylpentane could not be determined in these samples due to a non-target compound interfering with the identification and quantification of this compound.

L1524067-01: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1524067-03: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG827031-3 LCS recovery for cis-1,3-dichloropropene (184%) is above the upper 130% acceptance limit. All samples associated with this LCS do not have reportable amounts of this analyte.

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:



Andy Rezendes

Title: Technical Director/Representative

Date: 10/02/15

AIR

Project Name: 440 EXTERIOR ST
Project Number: 347379

Lab Number: L1524067
Report Date: 10/02/15

SAMPLE RESULTS

Lab ID: L1524067-01 D
 Client ID: SSV1
 Sample Location: 440 EXTERIOR ST BRONX
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/02/15 09:41
 Analyst: MB

Date Collected: 09/25/15 11:54
 Date Received: 09/25/15
 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	ND	4.00	--	ND	8.85	--		20
Bromomethane	ND	4.00	--	ND	15.5	--		20
Chloroethane	ND	4.00	--	ND	10.6	--		20
Ethanol	ND	50.0	--	ND	94.2	--		20
Vinyl bromide	ND	4.00	--	ND	17.5	--		20
Acetone	68.8	20.0	--	163	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	ND	4.00	--	ND	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	ND	10.0	--	ND	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: 440 EXTERIOR ST**Lab Number:** L1524067**Project Number:** 347379**Report Date:** 10/02/15**SAMPLE RESULTS**

Lab ID: L1524067-01 D
 Client ID: SSV1
 Sample Location: 440 EXTERIOR ST BRONX

Date Collected: 09/25/15 11:54
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	22.9	4.00	--	112	19.5	--		20
Tetrahydrofuran	ND	10.0	--	ND	29.5	--		20
1,2-Dichloroethane	ND	4.00	--	ND	16.2	--		20
n-Hexane	45.7	4.00	--	161	14.1	--		20
1,1,1-Trichloroethane	ND	4.00	--	ND	21.8	--		20
Benzene	4.68	4.00	--	15.0	12.8	--		20
Carbon tetrachloride	ND	4.00	--	ND	25.2	--		20
Cyclohexane	65.0	4.00	--	224	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	181	4.00	--	742	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	13.8	4.00	--	52.0	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	15.2	4.00	--	103	27.1	--		20
Chlorobenzene	ND	4.00	--	ND	18.4	--		20
Ethylbenzene	6.62	4.00	--	28.8	17.4	--		20
p/m-Xylene	37.5	8.00	--	163	34.7	--		20
Bromoform	ND	4.00	--	ND	41.4	--		20
Styrene	ND	4.00	--	ND	17.0	--		20



Project Name: 440 EXTERIOR ST**Lab Number:** L1524067**Project Number:** 347379**Report Date:** 10/02/15**SAMPLE RESULTS**

Lab ID: L1524067-01 D
 Client ID: SSV1
 Sample Location: 440 EXTERIOR ST BRONX

Date Collected: 09/25/15 11:54
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
1,1,1,2-Tetrachloroethane	ND	4.00	--	ND	27.5	--		20
o-Xylene	26.4	4.00	--	115	17.4	--		20
4-Ethyltoluene	23.4	4.00	--	115	19.7	--		20
1,3,5-Trimethylbenzene	88.2	4.00	--	434	19.7	--		20
1,2,4-Trimethylbenzene	94.8	4.00	--	466	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	95		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	117		60-140



Project Name: 440 EXTERIOR ST
Project Number: 347379

Lab Number: L1524067
Report Date: 10/02/15

SAMPLE RESULTS

Lab ID: L1524067-02
 Client ID: SSV2
 Sample Location: 440 EXTERIOR ST BRONX
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/02/15 07:04
 Analyst: MB

Date Collected: 09/25/15 12:28
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.349	0.200	--	1.73	0.989	--		1
Chloromethane	0.417	0.200	--	0.861	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.447	0.200	--	0.989	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	26.1	2.50	--	49.2	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	44.5	1.00	--	106	2.38	--		1
Trichlorofluoromethane	0.538	0.200	--	3.02	1.12	--		1
Isopropanol	4.86	0.500	--	11.9	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.932	0.500	--	2.83	1.52	--		1
Methylene chloride	2.46	0.500	--	8.55	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	2.53	0.200	--	7.88	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	2.79	0.500	--	8.23	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: 440 EXTERIOR ST
Project Number: 347379

Lab Number: L1524067
Report Date: 10/02/15

SAMPLE RESULTS

Lab ID: L1524067-02
 Client ID: SSV2
 Sample Location: 440 EXTERIOR ST BRONX

Date Collected: 09/25/15 12:28
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	0.213	0.200	--	1.04	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.48	0.200	--	5.22	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.57	0.200	--	8.21	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.14	0.200	--	3.92	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.09	0.200	--	4.47	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	3.21	0.200	--	12.1	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	4.02	0.200	--	27.3	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.18	0.200	--	5.13	0.869	--		1
p/m-Xylene	5.56	0.400	--	24.2	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1



Project Name: 440 EXTERIOR ST**Lab Number:** L1524067**Project Number:** 347379**Report Date:** 10/02/15**SAMPLE RESULTS**

Lab ID: L1524067-02

Date Collected: 09/25/15 12:28

Client ID: SSV2

Date Received: 09/25/15

Sample Location: 440 EXTERIOR ST BRONX

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	2.36	0.200	--	10.3	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.210	0.200	--	1.03	0.983	--		1
1,2,4-Trimethylbenzene	0.416	0.200	--	2.05	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	92		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	94		60-140



Project Name: 440 EXTERIOR ST**Lab Number:** L1524067**Project Number:** 347379**Report Date:** 10/02/15**SAMPLE RESULTS**

Lab ID: L1524067-03 D
 Client ID: SG1
 Sample Location: 440 EXTERIOR ST BRONX
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 10/02/15 09:01
 Analyst: MB

Date Collected: 09/25/15 13:12
 Date Received: 09/25/15
 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	0.400	--	ND	1.98	--		2
Chloromethane	ND	0.400	--	ND	0.826	--		2
Freon-114	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	ND	0.400	--	ND	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethanol	22.0	5.00	--	41.5	9.42	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	33.8	2.00	--	80.3	4.75	--		2
Trichlorofluoromethane	0.838	0.400	--	4.71	2.25	--		2
Isopropanol	1.30	1.00	--	3.20	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Tertiary butyl Alcohol	ND	1.00	--	ND	3.03	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
3-Chloropropene	ND	0.400	--	ND	1.25	--		2
Carbon disulfide	ND	0.400	--	ND	1.25	--		2
Freon-113	ND	0.400	--	ND	3.07	--		2
trans-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Methyl tert butyl ether	ND	0.400	--	ND	1.44	--		2
2-Butanone	1.40	1.00	--	4.13	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Ethyl Acetate	ND	1.00	--	ND	3.60	--		2



Project Name: 440 EXTERIOR ST**Lab Number:** L1524067**Project Number:** 347379**Report Date:** 10/02/15**SAMPLE RESULTS**

Lab ID: L1524067-03 D
 Client ID: SG1
 Sample Location: 440 EXTERIOR ST BRONX

Date Collected: 09/25/15 13:12
 Date Received: 09/25/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	114	0.400	--	557	1.95	--		2
Tetrahydrofuran	ND	1.00	--	ND	2.95	--		2
1,2-Dichloroethane	ND	0.400	--	ND	1.62	--		2
n-Hexane	ND	0.400	--	ND	1.41	--		2
1,1,1-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Benzene	ND	0.400	--	ND	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Cyclohexane	ND	0.400	--	ND	1.38	--		2
1,2-Dichloropropane	ND	0.400	--	ND	1.85	--		2
Bromodichloromethane	16.6	0.400	--	111	2.68	--		2
1,4-Dioxane	ND	0.400	--	ND	1.44	--		2
Trichloroethene	ND	0.400	--	ND	2.15	--		2
2,2,4-Trimethylpentane	ND	0.400	--	ND	1.87	--		2
Heptane	ND	0.400	--	ND	1.64	--		2
cis-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
4-Methyl-2-pentanone	ND	1.00	--	ND	4.10	--		2
trans-1,3-Dichloropropene	ND	0.400	--	ND	1.82	--		2
1,1,2-Trichloroethane	ND	0.400	--	ND	2.18	--		2
Toluene	ND	0.400	--	ND	1.51	--		2
2-Hexanone	ND	0.400	--	ND	1.64	--		2
Dibromochloromethane	2.17	0.400	--	18.5	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	7.26	0.400	--	49.2	2.71	--		2
Chlorobenzene	ND	0.400	--	ND	1.84	--		2
Ethylbenzene	ND	0.400	--	ND	1.74	--		2
p/m-Xylene	ND	0.800	--	ND	3.47	--		2
Bromoform	ND	0.400	--	ND	4.14	--		2
Styrene	ND	0.400	--	ND	1.70	--		2



Project Name: 440 EXTERIOR ST**Lab Number:** L1524067**Project Number:** 347379**Report Date:** 10/02/15**SAMPLE RESULTS**

Lab ID: L1524067-03 D
 Client ID: SG1
 Sample Location: 440 EXTERIOR ST BRONX

Date Collected: 09/25/15 13:12
 Date Received: 09/25/15
 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	0.400	--	ND	2.75	--		2
o-Xylene	ND	0.400	--	ND	1.74	--		2
4-Ethyltoluene	ND	0.400	--	ND	1.97	--		2
1,3,5-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
1,2,4-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
Benzyl chloride	ND	0.400	--	ND	2.07	--		2
1,3-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,4-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2-Dichlorobenzene	ND	0.400	--	ND	2.40	--		2
1,2,4-Trichlorobenzene	ND	0.400	--	ND	2.97	--		2
Hexachlorobutadiene	ND	0.400	--	ND	4.27	--		2

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140



Project Name: 440 EXTERIOR ST

Lab Number: L1524067

Project Number: 347379

Report Date: 10/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/01/15 18:16

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG827031-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	2.50	--	ND	4.71	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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: 440 EXTERIOR ST

Lab Number: L1524067

Project Number: 347379

Report Date: 10/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/01/15 18:16

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG827031-4								
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: 440 EXTERIOR ST

Lab Number: L1524067

Project Number: 347379

Report Date: 10/02/15

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 10/01/15 18:16

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-03 Batch: WG827031-4								
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: 440 EXTERIOR ST

Project Number: 347379

Lab Number: L1524067

Report Date: 10/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG827031-3								
Propylene	71		-		70-130	-		
Dichlorodifluoromethane	71		-		70-130	-		
Chloromethane	86		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	89		-		70-130	-		
Methanol	71		-		70-130	-		
Vinyl chloride	88		-		70-130	-		
1,3-Butadiene	92		-		70-130	-		
Butane	75		-		70-130	-		
Bromomethane	104		-		70-130	-		
Chloroethane	92		-		70-130	-		
Ethyl Alcohol	79		-		70-130	-		
Dichlorofluoromethane	85		-		70-130	-		
Vinyl bromide	88		-		70-130	-		
Acrolein	79		-		70-130	-		
Acetone	91		-		70-130	-		
Acetonitrile	80		-		70-130	-		
Trichlorofluoromethane	97		-		70-130	-		
iso-Propyl Alcohol	85		-		70-130	-		
Acrylonitrile	83		-		70-130	-		
Pentane	77		-		70-130	-		
Ethyl ether	77		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST

Project Number: 347379

Lab Number: L1524067

Report Date: 10/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG827031-3								
1,1-Dichloroethene	81		-		70-130	-		
tert-Butyl Alcohol	73		-		70-130	-		
Methylene chloride	81		-		70-130	-		
3-Chloropropene	81		-		70-130	-		
Carbon disulfide	83		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	85		-		70-130	-		
trans-1,2-Dichloroethene	74		-		70-130	-		
1,1-Dichloroethane	80		-		70-130	-		
Methyl tert butyl ether	81		-		70-130	-		
Vinyl acetate	103		-		70-130	-		
2-Butanone	77		-		70-130	-		
cis-1,2-Dichloroethene	92		-		70-130	-		
Ethyl Acetate	78		-		70-130	-		
Chloroform	87		-		70-130	-		
Tetrahydrofuran	74		-		70-130	-		
2,2-Dichloropropane	79		-		70-130	-		
1,2-Dichloroethane	84		-		70-130	-		
n-Hexane	78		-		70-130	-		
Isopropyl Ether	75		-		70-130	-		
Ethyl-Tert-Butyl-Ether	74		-		70-130	-		
1,1,1-Trichloroethane	88		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST

Project Number: 347379

Lab Number: L1524067

Report Date: 10/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG827031-3								
1,1-Dichloropropene	79		-		70-130	-		
Benzene	79		-		70-130	-		
Carbon tetrachloride	89		-		70-130	-		
Cyclohexane	76		-		70-130	-		
Tertiary-Amyl Methyl Ether	74		-		70-130	-		
Dibromomethane	79		-		70-130	-		
1,2-Dichloropropane	80		-		70-130	-		
Bromodichloromethane	88		-		70-130	-		
1,4-Dioxane	78		-		70-130	-		
Trichloroethene	85		-		70-130	-		
2,2,4-Trimethylpentane	78		-		70-130	-		
Methyl Methacrylate	81		-		70-130	-		
Heptane	77		-		70-130	-		
cis-1,3-Dichloropropene	184	Q	-		70-130	-		
4-Methyl-2-pentanone	70		-		70-130	-		
trans-1,3-Dichloropropene	90		-		70-130	-		
1,1,2-Trichloroethane	86		-		70-130	-		
Toluene	82		-		70-130	-		
1,3-Dichloropropane	76		-		70-130	-		
2-Hexanone	85		-		70-130	-		
Dibromochloromethane	87		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST

Project Number: 347379

Lab Number: L1524067

Report Date: 10/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG827031-3								
1,2-Dibromoethane	84		-		70-130	-		
Butyl Acetate	72		-		70-130	-		
Octane	75		-		70-130	-		
Tetrachloroethene	81		-		70-130	-		
1,1,1,2-Tetrachloroethane	80		-		70-130	-		
Chlorobenzene	83		-		70-130	-		
Ethylbenzene	83		-		70-130	-		
p/m-Xylene	84		-		70-130	-		
Bromoform	87		-		70-130	-		
Styrene	83		-		70-130	-		
1,1,2,2-Tetrachloroethane	83		-		70-130	-		
o-Xylene	85		-		70-130	-		
1,2,3-Trichloropropane	75		-		70-130	-		
Nonane (C9)	72		-		70-130	-		
Isopropylbenzene	78		-		70-130	-		
Bromobenzene	75		-		70-130	-		
o-Chlorotoluene	76		-		70-130	-		
n-Propylbenzene	78		-		70-130	-		
p-Chlorotoluene	75		-		70-130	-		
4-Ethyltoluene	78		-		70-130	-		
1,3,5-Trimethylbenzene	82		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST

Project Number: 347379

Lab Number: L1524067

Report Date: 10/02/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 Batch: WG827031-3								
tert-Butylbenzene	78		-		70-130	-		
1,2,4-Trimethylbenzene	86		-		70-130	-		
Decane (C10)	72		-		70-130	-		
Benzyl chloride	85		-		70-130	-		
1,3-Dichlorobenzene	84		-		70-130	-		
1,4-Dichlorobenzene	82		-		70-130	-		
sec-Butylbenzene	77		-		70-130	-		
p-Isopropyltoluene	73		-		70-130	-		
1,2-Dichlorobenzene	82		-		70-130	-		
n-Butylbenzene	78		-		70-130	-		
1,2-Dibromo-3-chloropropane	77		-		70-130	-		
Undecane	76		-		70-130	-		
Dodecane (C12)	81		-		70-130	-		
1,2,4-Trichlorobenzene	85		-		70-130	-		
Naphthalene	81		-		70-130	-		
1,2,3-Trichlorobenzene	81		-		70-130	-		
Hexachlorobutadiene	86		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST

Project Number: 347379

Lab Number: L1524067

Report Date: 10/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG827031-5 QC Sample: L1524603-04 Client ID: DUP Sample						
Propylene	ND	ND	ppbV	NC		25
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	ppbV	NC		25
Vinyl chloride	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethyl Alcohol	76.3	72.9	ppbV	5		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	183	184	ppbV	1		25
Trichlorofluoromethane	135	136	ppbV	1		25
iso-Propyl Alcohol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	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

Lab Duplicate Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST

Project Number: 347379

Lab Number: L1524067

Report Date: 10/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG827031-5 QC Sample: L1524603-04 Client ID: DUP Sample					
1,1-Dichloroethane	ND	ND	ppbV	NC	25
Methyl tert butyl ether	ND	ND	ppbV	NC	25
Vinyl acetate	ND	ND	ppbV	NC	25
2-Butanone	17.0	17.4	ppbV	2	25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC	25
Ethyl Acetate	ND	ND	ppbV	NC	25
Chloroform	4.95	4.87	ppbV	2	25
Tetrahydrofuran	ND	ND	ppbV	NC	25
1,2-Dichloroethane	ND	ND	ppbV	NC	25
n-Hexane	2.31	2.32	ppbV	0	25
1,1,1-Trichloroethane	7.35	7.81	ppbV	6	25
Benzene	ND	ND	ppbV	NC	25
Carbon tetrachloride	ND	ND	ppbV	NC	25
Cyclohexane	776	790	ppbV	2	25
1,2-Dichloropropane	ND	ND	ppbV	NC	25
Bromodichloromethane	ND	ND	ppbV	NC	25
1,4-Dioxane	ND	ND	ppbV	NC	25
Trichloroethene	ND	ND	ppbV	NC	25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST

Project Number: 347379

Lab Number: L1524067

Report Date: 10/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG827031-5 QC Sample: L1524603-04 Client ID: DUP Sample					
Heptane	ND	ND	ppbV	NC	25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC	25
4-Methyl-2-pentanone	ND	ND	ppbV	NC	25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC	25
1,1,2-Trichloroethane	ND	ND	ppbV	NC	25
Toluene	22.8	23.4	ppbV	3	25
2-Hexanone	ND	ND	ppbV	NC	25
Dibromochloromethane	ND	ND	ppbV	NC	25
1,2-Dibromoethane	ND	ND	ppbV	NC	25
Tetrachloroethene	664	682	ppbV	3	25
Chlorobenzene	ND	ND	ppbV	NC	25
Ethylbenzene	4.39	4.50	ppbV	2	25
p/m-Xylene	19.1	20.2	ppbV	6	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	6.12	6.42	ppbV	5	25
4-Ethyltoluene	ND	ND	ppbV	NC	25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC	25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 440 EXTERIOR ST

Project Number: 347379

Lab Number: L1524067

Report Date: 10/02/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG827031-5 QC Sample: L1524603-04 Client ID: DUP Sample					
1,2,4-Trimethylbenzene	6.42	6.72	ppbV	5	25
Benzyl chloride	ND	ND	ppbV	NC	25
1,3-Dichlorobenzene	ND	ND	ppbV	NC	25
1,4-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2-Dichlorobenzene	ND	ND	ppbV	NC	25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC	25
Naphthalene	ND	ND	ppbV	NC	25
Hexachlorobutadiene	ND	ND	ppbV	NC	25

Project Name: 440 EXTERIOR ST

Project Number: 347379

Serial_No:10021511:49
Lab Number: L1524067

Report Date: 10/02/15

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
L1524067-01	SSV1	0268	#90 SV	09/24/15	210012		-	-	-	Pass	199	178	11
L1524067-01	SSV1	2043	2.7L Can	09/24/15	210012	L1522821-01	Pass	-29.7	-3.7	-	-	-	-
L1524067-02	SSV2	0353	#90 SV	09/24/15	210012		-	-	-	Pass	195	195	0
L1524067-02	SSV2	367	2.7L Can	09/24/15	210012	L1522821-01	Pass	-29.7	-3.9	-	-	-	-
L1524067-03	SG1	0309	#90 SV	09/24/15	210012		-	-	-	Pass	193	199	3
L1524067-03	SG1	414	2.7L Can	09/24/15	210012	L1522821-01	Pass	-29.4	-3.6	-	-	-	-
L1524067-04	SG2	0341	#90 AMB	09/24/15	210012		-	-	-	Pass	198	10	181
L1524067-04	SG2	397	2.7L Can	09/24/15	210012	L1522821-01	Pass	-29.4	-28.2	-	-	-	-

Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/02/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 09/16/15 20:10
 Analyst: MB

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 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
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
Ethyl Alcohol	ND	2.50	--	ND	4.71	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
iso-Propyl Alcohol	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
tert-Butyl Alcohol	ND	0.500	--	ND	1.52	--		1



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/02/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 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
1,1,2-Trichloro-1,2,2-Trifluoroethane	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
Isopropyl Ether	ND	0.200	--	ND	0.836	--		1
Ethyl-Tert-Butyl-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
Tertiary-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:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/02/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 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 (C9)	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:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/02/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
p-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 (C10)	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 (C12)	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:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/02/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 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	89		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	70		60-140



Project Name:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/02/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 09/16/15 21:25
 Analyst: MB

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 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
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
1,1,2-Trichloro-1,2,2-Trifluoroethane	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:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/02/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.020	--	ND	0.092	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	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:
Project Number: CANISTER QC BAT

Lab Number: L1522821
Report Date: 10/02/15

Air Canister Certification Results

Lab ID: L1522821-01
 Client ID: CAN 174 SHELF 7
 Sample Location:

Date Collected: 09/15/15 18:00
 Date Received: 09/16/15
 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	91		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	85		60-140

Project Name: 440 EXTERIOR ST

Lab Number: L1524067

Project Number: 347379

Report Date: 10/02/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal**Cooler**

N/A Present/Intact

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1524067-01A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)
L1524067-02A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)
L1524067-03A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	TO15-LL(30)
L1524067-04A	Canister - 2.7 Liter	N/A	N/A	N/A	Y	Absent	CANCELLED()

*Values in parentheses indicate holding time in days

Project Name: 440 EXTERIOR ST
Project Number: 347379

Lab Number: L1524067
Report Date: 10/02/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
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.
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

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.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. 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.

Report Format: Data Usability Report



Project Name: 440 EXTERIOR ST
Project Number: 347379

Lab Number: L1524067
Report Date: 10/02/15

Data Qualifiers

- 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: 440 EXTERIOR ST
Project Number: 347379

Lab Number: L1524067
Report Date: 10/02/15

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

EPA 8270D: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

EPA 625: 4-Chloroaniline, 4-Methylphenol.

SM4500: Soil: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

EPA 8270D: Biphenyl.

EPA 2540D: TSS

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.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water

EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7:** Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;

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.

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

Non-Potable Water

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

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

EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, EPA 350.1: Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, 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, SM9222D-MF.**

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



AIR ANALYSIS

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

PAGE _____ OF _____

Date Rec'd in Lab: 9/26/15

ALPHA Job #: L1524067

Client Information

Client: AEI Consultants
 Address: 30 Montgomery St., Suite 220
 Jersey City, NJ 07302
 Phone: 201-332-1844
 Fax: 201-332-1880
 Email: bfriedman@aieiconsultants.com

Project Information

Project Name: 440 Exterior St.
 Project Location: 440 Exterior St, Bronx
 Project #: 347379
 Project Manager: Ben Friedman
 ALPHA Quote #:

Report Information - Data Deliverables

FAX
 ADEX
 Criteria Checker: _____
 (Default based on Regulatory Criteria Indicated)
 Other Formats: _____
 EMAIL (standard pdf report)
 Additional Deliverables:
 Report to: (if different than Project Manager)

Billing Information

Same as Client info PO #: 94308

Regulatory Requirements/Report Limits

State/Fed	Program	Criteria

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: _____ Time: _____

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection				Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS						Sample Comments (i.e. PID)
		Date	Start Time	End Time	TO-14A by TO-15								TO-15	TO-15 SIM	APR	FIXED GASES	TO-13A	TO-4 / TO-10	
24067-01	SSV1	9/25	11:40	11:54	-29.7	-3.55	SV	BF	2.7L	3043	0268	X							
-02	SSV2	9/25	12:17	12:28	-29.7	-3.89	SV	BF	2.7L	3670353		X							
-03	SG1	9/25	13:01	13:12	-29.4	-3.37	SV	QJ	2.7L	414	0309	X							
-04	SG2	9/25	13:22	13:33	-29.4	-3.41	SV	QJ	2.7L	397	0341	X							

***SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

Relinquished By:

Date/Time

Received By:

Date/Time

Relinquished By: *[Signature]* Date/Time: 9/25/15 1950
 Received By: *[Signature]* (AAL) Date/Time: 9/25/15 1535
 Relinquished By: *[Signature]* Date/Time: 9-25-15 02:30
 Received By: *[Signature]* Date/Time: 9/26/15 02:30

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.



AEI Consultants

Environmental & Engineering Services

August 18, 2016

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Property Identification:

445 Gerard Avenue
445 and 459-465 Gerard Avenue and 108-112 East 146th Street
Bronx, Bronx County, New York 10451

AEI Project No. 361203

Prepared For:

Treetop Development
500 Frank W. Burr Boulevard Suite 47
Teaneck, New Jersey 07666

Prepared By:

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

Environmental &
Engineering Due
Diligence

Site Investigation &
Remediation

Energy Performance
& Benchmarking

Industrial Hygiene

Construction
Consulting

Construction,
Site Stabilization &
Stormwater Services

Zoning Analysis
Reports & ALTA
Surveys

National Presence
Regional Focus
Local Solutions



AEI Consultants

Environmental & Engineering Services

August 18, 2016

Treetop Development
500 Frank W. Burr Boulevard Suite 47
Teaneck, New Jersey 07666

Subject: PHASE I ENVIRONMENTAL SITE ASSESSMENT

445 Gerard Avenue
445 and 459-465 Gerard Avenue and 108-112 East 146th Street , Bronx, New York 10451
AEI Project No. 361203

Dear Alex Finkelstein:

AEI Consultants is pleased to provide the Phase I Environmental Site Assessment (Phase I ESA) report of the above referenced address. This assessment was authorized and performed in accordance with the scope of services outlined in the proposal, the scope and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), and the requirements of the scope and limitations of ASTM Standard Practice E1527-13, and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).

We appreciate the opportunity to provide services to you. If you have any questions concerning this report, or if we may assist you in any other matter, please contact me at (203) 246-7532 or pmillar@aeiconsultants.com.

Sincerely,

Peter Fleming Millar, P.E., J.D.
AEI Consultants

PROJECT SUMMARY

**445 Gerard Avenue
445 and 459-465 Gerard Avenue and 108-112 East 146th Street , Bronx,
Bronx County, New York 10451**

Report Section		No Further Action	REC	CREC	HREC	Other Environmental Considerations	Recommended Action
2.1	Site Location and Description	✓					
2.2	Site and Vicinity Characteristics	✓					
3.1	Historical Summary	✓			✓		
4.0	Regulatory Agency Records Review	✓					
5.0	Regulatory Database Records Review	✓				✓	
5.2	Vapor Migration	✓					
6.3	Previous Reports and Other Provided Documentation	✓			✓		
7.1	Subject Property Reconnaissance Findings	✓			✓		
7.2	Adjacent Property Reconnaissance Findings	✓					
8.1	Asbestos-Containing Building Materials					✓	O&M Plan (\$450)
8.2	Lead-Based Paint					✓	O&M Plan (\$450)
8.3	Radon	✓					
8.4	Drinking Water Sources and Lead in Drinking Water	✓					
8.5	Mold/Indoor Air Quality Issues	✓					

TABLE OF CONTENTS

LIST OF COMMONLY USED ACRONYMS	5
EXECUTIVE SUMMARY	6
Property Description	6
Findings	7
Conclusions, Opinions, and Recommendations	10
1.0 INTRODUCTION	11
1.1 Scope of Work	11
1.2 Additional Services	11
1.3 Significant Assumptions	11
1.4 Limitations	12
1.5 Limiting Conditions/Deviations	13
1.6 Data Gaps and Data Failure	13
1.7 Reliance	14
2.0 SITE AND VICINITY DESCRIPTION	15
2.1 Site Location and Description	15
2.2 Site and Vicinity Characteristics	16
2.3 Physical Setting	16
3.0 HISTORICAL REVIEW OF SITE AND VICINITY	17
3.1 Historical Summary	17
3.2 Aerial Photographs	18
3.3 Sanborn Fire Insurance Maps	19
3.4 City Directories	21
3.5 Historical Topographic Maps	22
3.6 Chain of Title	22
4.0 REGULATORY AGENCY RECORDS REVIEW	23
4.1 Local Environmental Health Department and/or State Environmental Agency	23
4.2 Fire Department	23
4.3 Building Department	23
4.4 Planning Department	24
4.5 County Assessor Office	24
4.6 Oil and Gas Wells/Pipelines	24
4.7 Other Agencies Searched	24
4.8 State Environmental Superliens and Property Transfer Laws	24
5.0 REGULATORY DATABASE RECORDS REVIEW	25
5.1 Records Summary	25
5.2 Vapor Migration	29
6.0 INTERVIEWS AND USER PROVIDED INFORMATION	30
6.1 Interviews	30
6.2 User Provided Information	31
6.3 Previous Reports and Other Provided Documentation	31
7.0 SITE RECONNAISSANCE	35
7.1 Subject Property Reconnaissance Findings	35
7.2 Adjacent Property Reconnaissance Findings	36
8.0 OTHER ENVIRONMENTAL CONSIDERATIONS	38
8.1 Asbestos-Containing Building Materials	38
8.2 Lead-Based Paint	39

8.3 Radon 40
8.4 Drinking Water Sources and Lead in Drinking Water 40
8.5 Mold/Indoor Air Quality Issues 40
9.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS 42
10.0 REFERENCES 43

TABLE OF APPENDICES

APPENDIX A: FIGURES
APPENDIX B: PROPERTY PHOTOGRAPHS
APPENDIX C: REGULATORY DATABASE
APPENDIX D: HISTORICAL SOURCES
APPENDIX E: REGULATORY AGENCY RECORDS
APPENDIX F: PREVIOUS REPORTS
APPENDIX G: OTHER SUPPORTING DOCUMENTATION
APPENDIX H: QUALIFICATIONS

LIST OF COMMONLY USED ACRONYMS

AST	Aboveground Storage Tank
AUL	Activity and Use Limitation
APCD	Air Pollution Control District
AHERA	Asbestos Hazard Emergency Response Act
AQMD	Air Quality Management District
ACM	Asbestos-Containing Material
APN	Assessor's Parcel Number
bgs	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes
COC	Contaminant of Concern
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System
CREC	Controlled Recognized Environmental Condition
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
HAZNET	Facility and Manifest Data
GPR	Ground-Penetrating Radar
HWS	Hazardous Waste Site
HVAC	Heating, Ventilation and Air Conditioning
HREC	Historical Recognized Environmental Condition
LLP	Landowner Liability Protection
LQG	Large Quantity Generator
LBP	Lead-Based Paint
LCP	Lead Containing Paint
LUST	Leaking Underground Storage Tank
MSDS	Material Safety Data Sheet
MCL	Maximum Contaminant Level
MTBE	Methyl Tertiary Butyl Ether
µg/L	Micrograms per Liter
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
NESHAP	National Emission Standards for Hazardous Air Pollutants
NPL	National Priorities List
NFA	No Further Action
ND	None Detected
NOV	Notice of Violation
NTC	Notice to Comply
O&M	Operations and Maintenance
OSHA	Occupational Safety and Health Administration
ppb	Parts per Billion
ppm	Parts per Million
PCE	Perchloroethylene, Tetrachloroethylene, Tetrachloroethene, PERC
PTO	Permit to Operate
pCi/L	PicoCuries per Liter
PCB	Polychlorinated Biphenyl
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RP	Responsible Party
SVOC	Semi-Volatile Organic Compound
SQG	Small Quantity Generator
SLIC	Spills, Leaks, Investigation, and Cleanup
SEMS	Superfund Enterprise Management System
TPH	Total Petroleum Hydrocarbons
TPHd	Total Petroleum Hydrocarbons (diesel range)
TPHg	Total Petroleum Hydrocarbons (gasoline range)
TPHo	Total Petroleum Hydrocarbons (oil range)
TRPH	Total Recoverable Petroleum Hydrocarbons
TCE	Trichloroethylene, Trichloroethene
UST	Underground Storage Tank
USDA	United States Department of Agriculture
USGS	United States Geological Survey
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

AEI Consultants (AEI) was retained by Treetop Development to conduct a Phase I ESA in conformance with the proposal and the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 445 and 459-465 Gerard Avenue and 108-112 East 146th Street, Bronx, Bronx County, New York. Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

PROPERTY DESCRIPTION

PROPERTY INFORMATION	
Property Name	445 Gerard Avenue
Street Address(es)	445 and 459-465 Gerard Avenue and 108-112 East 146th Street
City	Bronx
State	New York
Location	Southwest corner of Gerard Avenue and East 146th Street
Vicinity Characteristics	Commercial/industrial
Approximate Site Acreage/Source	0.25/NYCity Map
Property Type	Commercial
Subject Property Use(s)	Commercial/industrial
Assessor Parcel Number(s)	Block 2351, Lot 12
SITE AND BUILDING INFORMATION	
Number of Buildings	One
Year(s) of Construction	Circa 1923
Number of Floors/Stories	One
Basement or Subgrade Area(s)	None identified currently; the subject property was formerly equipped with a partial basement, which has since been filled with concrete
Number of Units	One
Building Area (SF)/Source	10,000/NYCity Map
Building Description(s)	One-story masonry building constructed slab-on-grade
Building Occupant(s)	Jesse Shapiro and James Glass Corporation
Additional Improvements	None identified
Current On-site Operations	Storage and distribution of glass
Current Use of Hazardous Substances	None identified
UTILITY PROVIDER INFORMATION	
Natural Gas Provider	Consolidated Edison (ConEd) per Mr. Bobby Schmid, owner representative and key site manager
Electricity Provider	ConEd per Mr. Schmid
Heating System Fuel Source	Natural Gas per Mr. Schmid
Cooling System Power Source	Electricity per Mr. Schmid
Potable Water Provider or Source	New York City Department of Environmental Protection (NYCDEP) per Mr. Schmid
Sewage Disposal Provider or Treatment System	NYCDEP per Mr. Schmid

REGULATORY INFORMATION	
Regulatory Database Listings	E-Designation, RCRA-NonGen/NLR, Manifest. FINDS, ECHO; refer to Section 5.1
Institutional Controls	None identified
Engineering Controls	None identified
Environmental Liens	None identified

According to historical sources, the subject property consisted of unimproved land from 1891 through at least 1919, with lumber storage identified onsite in 1908. The current subject property building was constructed in 1923 for use by an auto painting facility through at least 1927. From 1935 through 1940, the subject property building was utilized as a garage and auto parts sales facility. In 1944, the property was utilized as a warehouse for liquor cases. Two (2) 550-gallon buried gasoline tanks were noted on the south side of the property from 1934 until 1946. By 1946, the subject property building was utilized as a garage and auto repair facility. In 1947, the two southern gasoline USTs were no longer depicted on the Sanborn maps, but another gasoline tank was depicted in the location of the current abandoned tank (northeast corner) until 1980. The subject building was utilized as a garage and auto repair facility from at least 1946 through circa 1981. By 1983, the subject property was 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 immediately surrounding properties consist of the following:

Direction from Site	Tenant/Use (Address)	Regulatory Database Listing(s)
North	East 146th Street, followed by a lot under construction (500 Exterior Street)	None identified
East	Gerard Avenue, followed by Mega Radio Communication and ORC Repeaters and Communication Corp. (444 Gerard Avenue)	E Designation
South	Glass Town Glass and Mirror (417 Gerard Avenue)	E Designation
West	Clear Channel Outdoor (440 Exterior Street/Major Deegan Expressway)	E Designation

If the surrounding properties are listed in the regulatory database, please refer to Section 5.1 for discussion.

Based upon topographic map interpretation, the direction of groundwater flow beneath the subject property is inferred to be to the west and is presumed to be present at an estimated depth of 8-10 feet bgs.

FINDINGS

Recognized Environmental Condition (REC) is defined by the ASTM Standard Practice E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release

to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

- AEI did not identify evidence of RECs during the course of this assessment.

Controlled Recognized Environmental Condition (CREC) is defined by the ASTM Standard Practice E1527-13 as a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

- AEI did not identify evidence of CRECs during the course of this assessment.

Historical Recognized Environmental Condition (HREC) is defined by the ASTM Standard Practice E1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

- The subject property was formerly equipped with three (3) gasoline USTs utilized in connection to a former taxi cab dispatch facility operating on the subject property from the 1930s until the 1970s. Mr. Schmid indicated that the USTs were reportedly abandoned in place (no abandonment or removal information provided) on the property. One UST is located in the area of a fill port in the northeastern corner of the subject property; the other two USTs are located along the interior of the southern wall of the subject property building in the area of the Sanborn-identified gasoline tanks. Additionally, the subject property is equipped with an oil/water separator as part of the drainage system within the site building. In 2012, AEI conducted a Phase II Subsurface Investigation in order to address the reported abandoned USTs, oil/water separator, and long history of automotive repair operations on-site. 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 USTs as the two borings located in the vicinity of the UST in the northeastern portion of the subject property (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 concern.

Other Environmental Considerations warrant discussion, but do not qualify as RECs as defined by the ASTM Standard Practice E1527-13. These include, but are not limited to, de minimis conditions and/or environmental considerations such as the presence of ACMs, LBP, radon, mold, and lead in drinking water, which can affect the liabilities and financial obligations of the client, the health and safety of site occupants, and the value and marketability of the subject property.

- 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. On August 12, 2016, AEI researched this E-Designation via the NYC Office of Environmental Remediation (OER). 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.
- Due to the age of the subject property building, there is a potential that ACMs are present. All observed suspect ACMs at the subject property were in good condition at the time of the site reconnaissance and are not expected to pose a health and safety concern to the occupants of the subject property at this time. Based on the potential presence of ACMs, AEI recommends the implementation of an O&M Plan which stipulates that the repair and maintenance of damaged materials should be performed to protect the health and safety of the building occupants. In the event that building renovation or demolition activities are planned, a thorough asbestos survey to identify asbestos-containing building materials is required in accordance with the EPA NESHAP 40 CFR Part 61 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 LBP is present. During the site inspection, damaged painted surfaces were observed on the interior and exterior walls of the subject property building. Based on the potential presence of LBP, AEI recommends the property owner implement an O&M Plan which stipulates that the assessment, repair and maintenance of damaged painted surfaces be performed to protect the health and safety of the building occupants. Local regulations may apply to LBP in association with building demolition/renovations and worker/occupant protection. Actual material samples would need to be collected or an x-ray fluorescence (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 ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) of 445 and 459-465 Gerard Avenue and 108-112 East 146th Street , Bronx, Bronx County, New York, the *subject property*. Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

AEI did not identify evidence of RECs or CRECs in connection with the subject property during the course of this assessment. AEI recommends no further investigation for the subject property at this time.

1.0 INTRODUCTION

This report documents the methods and findings of the Phase I ESA performed in conformance with the proposal and scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 445 and 459-465 Gerard Avenue and 108-112 East 146th Street , Bronx, Bronx County, New York (Appendix A: Figures and Appendix B: Property Photographs).

1.1 SCOPE OF WORK

The purpose of the Phase I ESA is to assist the client in identifying potential RECs, in accordance with ASTM E1527-13, 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. 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.

1.2 ADDITIONAL SERVICES

Other Environmental Considerations such as ACMs, LBP, lead in drinking water, radon, mold, and wetlands can result in business environmental risks for property owners which may disrupt current or planned operations or cash flow and are generally beyond the scope of a Phase I assessment as defined by ASTM E1527-13. Based upon the agreed-on scope of services this ESA did not include subsurface or other invasive assessments, business environmental risks, or other services not specifically identified and discussed herein.

1.3 SIGNIFICANT ASSUMPTIONS

The following assumptions are made by AEI in this report. AEI 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 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, unless otherwise specified by on-site well data or well data from the subject property or nearby sites, is inferred from contour information depicted on the USGS topographic maps. AEI 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.

1.4 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 assessment apply strictly to the environmental regulations and property conditions existing at the time the assessment 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 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 assessment.

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: ACMs, radon, LBP, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, mold, 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 E1527-13.

If requested by the client, these non-scope issues are discussed herein. 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 CERCLA. ASTM Standard Practice E1527-13 and the United States 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 E1527-13.
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 ESA 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 reconnaissance.

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.

AEI's limited radon screening, if included, is intended to provide a preliminary screening to evaluate the potential presence of elevated radon concentrations at the site. The proposed scope is not intended to define the full extent of the presence of radon at the subject property. As such, the results should be used for lending purposes only. The recommendations and conclusions presented as a result of the limited preliminary radon screening apply strictly to the property conditions existing at the time the sampling was performed. The sample analytical results are only valid for the time, place, and condition of the site at the time of collection and AEI does not warrant that the results will be repeatable or are representative of past or future conditions.

1.5 LIMITING CONDITIONS/DEVIATIONS

The performance of this Phase I ESA was limited by the following:

- 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.
- Pursuant to ASTM Standard E1527-13 Section 8.1.5, information that is obtainable within a reasonable time frame is information that will be provided by the source within 20 calendar days of receiving a public information request. Based on the expected response time of over 20 calendar days for the New York City Fire Department (FDNY), records from this agency are not considered reasonably ascertainable. However, based on the quality of information obtained from other sources including other agency records, prior reports, and interviews, this limitation is not expected to significantly alter the Findings of this assessment.

1.6 DATA GAPS AND DATA FAILURE

According to ASTM E1527-13, data gaps occur when the Environmental Professional is unable to obtain information required by the Standard, despite good faith efforts to gather such information. Pursuant to ASTM E1527-13, only significant data gaps, defined as those that affect the ability of the Environmental Professional to identify RECs, need to be documented.

Data failure is one type of data gap. According to ASTM E1527-13, 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 E1527-13, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier, or periods of five years or greater.

1.6.1 DATA FAILURE

AEI did not identify evidence of data failure during the course of this assessment.

1.6.2 DATA GAPS

AEI did not identify significant data gaps which affected our ability to identify RECs.

1.7 RELIANCE

All reports, both verbal and written, are for the benefit of Treetop Development. 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 and Conditions executed by Treetop Development on July 28, 2016. 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

PROPERTY INFORMATION	
Property Name	445 Gerard Avenue
Street Address(es)	445 and 459-465 Gerard Avenue and 108-112 East 146th Street
City	Bronx
State	New York
Location	Southwest corner of Gerard Avenue and East 146th Street
Vicinity Characteristics	Commercial/industrial
Approximate Site Acreage/Source	0.25/NYCity Map
Property Type	Commercial
Subject Property Use(s)	Commercial/industrial
Assessor Parcel Number(s)	Block 2351, Lot 12
SITE AND BUILDING INFORMATION	
Number of Buildings	One
Year(s) of Construction	Circa 1923
Number of Floors/Stories	One
Basement or Subgrade Area(s)	None identified currently; the subject property was formerly equipped with a partial basement, which has since been filled with concrete
Number of Units	One
Building Area (SF)/Source	10,000/NYCity Map
Building Description(s)	One-story masonry building constructed slab-on-grade
Building Occupant(s)	Jesse Shapiro and James Glass Corporation
Additional Improvements	None identified
Current On-site Operations	Storage and distribution of glass
Current Use of Hazardous Substances	None identified
UTILITY PROVIDER INFORMATION	
Natural Gas Provider	Consolidated Edison (ConEd) per Mr. Bobby Schmid, owner representative and key site manager
Electricity Provider	ConEd per Mr. Schmid
Heating System Fuel Source	Natural Gas per Mr. Schmid
Cooling System Power Source	Electricity per Mr. Schmid
Potable Water Provider or Source	New York City Department of Environmental Protection (NYCDEP) per Mr. Schmid
Sewage Disposal Provider or Treatment System	NYCDEP per Mr. Schmid
REGULATORY INFORMATION	
Regulatory Database Listings	E-Designation, RCRA-NonGen/NLR, Manifest. FINDS, ECHO; refer to Section 5.1
Institutional Controls	None identified
Engineering Controls	None identified
Environmental Liens	None identified

Refer to Appendix A: Figures and Appendix B: Property Photographs for site location and description.

2.2 SITE AND VICINITY CHARACTERISTICS

The immediately surrounding properties consist of the following:

Direction from Site	Tenant/Use (Address)	Regulatory Database Listing(s)
North	East 146th Street, followed by a lot under construction (500 Exterior Street)	None identified
East	Gerard Avenue, followed by Mega Radio Communication and ORC Repeaters and Communication Corp. (444 Gerard Avenue)	E Designation
South	Glass Town Glass and Mirror (417 Gerard Avenue)	E Designation
West	Clear Channel Outdoor (440 Exterior Street/Major Deegan Expressway)	E Designation

If the surrounding properties are listed in the regulatory database, please refer to Section 5.1 for discussion.

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 Section 6.3 and the appendices for discussion of the results of the Phase II investigation conducted onsite in March 2012.

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

Note: Groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering, seawater intrusion barrier projects near the coast, and other factors.

3.0 HISTORICAL REVIEW OF SITE AND VICINITY

3.1 HISTORICAL SUMMARY

Reasonably ascertainable standard historical sources as outlined in ASTM Standard E1527-13 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, historical city directories, Sanborn fire insurance maps, and agency records, is as follows:

Date Range	Subject Property Description/Use	Source(s)
1891-1919	Unimproved land and/or lumber storage yard	Sanborn maps, prior report, topographic maps
1923-1927	Developed with the current one-story subject building / Auto painting	Sanborns, city directories, prior reports, building records
1935-1940	Current subject building / Garage and auto parts sales	Sanborn maps, city directories
1944	Current subject building / Liquor storage warehouse	Sanborn map
1946-1981	Current subject building / Garage and auto repair	Sanborns, city directories, prior reports, building records
1983-2016	Current subject building / Glass storage and distribution	Sanborns, city directories, prior reports, interviews

According to historical sources, the subject property consisted of unimproved land from 1891 through at least 1919, with lumber storage identified onsite in 1908. The current subject property building was constructed in 1923 for use by an auto painting facility through at least 1927. From 1935 through 1940, the subject property building was utilized as a garage and auto parts sales facility. In 1944, the property was utilized as a warehouse for liquor cases. Two (2) 550-gallon buried gasoline tanks were noted on the south side of the property from 1934 until 1946. By 1946, the subject property building was utilized as a garage and auto repair facility. In 1947, the two southern gasoline USTs were no longer depicted on the Sanborn maps, but another gasoline tank was depicted in the location of the current abandoned tank (northeast corner) until 1980. The subject building was utilized as a garage and auto repair facility from at least 1946 through circa 1981. By 1983, the subject property was 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 and 465 Gerard Avenue and 108 and 112 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. Refer to Section 6.3 for a discussion of the Phase II.

3.2 AERIAL PHOTOGRAPHS

AEI reviewed aerial photographs of the subject property and surrounding area. A search was made of the NYCity Map collection of aerial photographs. Aerial photographs were reviewed for the following years:

Year(s)	Subject Property Description	Adjacent Site Descriptions
1924	Improved with the current site building	NORTH: Roadway, followed by rectangular commercial style buildings EAST: Roadway, followed by a residence SOUTH: Unimproved land and a small rectangular commercial style building WEST: Unimproved land
1954	No significant changes	NORTH: Roadway, followed by commercial/industrial style building EAST: Roadway, followed by a commercial style building SOUTH: Current commercial/industrial building WEST: Commercial/industrial building
1996	No significant changes	NORTH: Roadway, followed by parking lot/storage lot EAST: Roadway, followed by current commercial style building SOUTH: No significant changes WEST: Current commercial/industrial building and associated yard
2006	No significant changes	NORTH: Roadway, followed by commercial buildings or storage canopies EAST: No significant changes SOUTH: No significant changes WEST: No significant changes
2008	No significant changes	NORTH: Roadway, followed by commercial buildings EAST: No significant changes SOUTH: No significant changes WEST: No significant changes
2010	No significant changes	NORTH: Roadway, followed by a small temporary building and unimproved land EAST: No significant changes SOUTH: No significant changes WEST: No significant changes
2012	No significant changes	NORTH: Roadway, followed by land under constructed EAST: No significant changes SOUTH: No significant changes WEST: No significant changes

AEI did not identify potential environmental concerns in association with the historical use of the subject property during the aerial photograph review.

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

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 of the EDR collection of Sanborn Fire Insurance maps.

The following maps were reviewed:

Year(s)	Subject Property Description (Listed Address)	Adjacent Site Descriptions
1891	Unimproved land, with access from Gerard Avenue (no address)	NORTH: Unimproved land EAST: Gerard Avenue followed by unimproved land and a small two- and three-story building SOUTH: Unimproved Land WEST: Unimproved land
1908	Unimproved land labeled as a portion of Church E. Gates & Co. Storage of Lumber (no address)	NORTH: East 146th Street followed by unimproved land labeled as Church E. Gates & Co. Lumber Yard EAST: Gerard Avenue followed by a two- and three-story residence SOUTH: Unimproved portion of Church E. Gates & Co. Storage of Lumber 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 (445 Gerard Avenue)	NORTH: East 146th 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. EAST: No significant changes SOUTH: The current commercial building labeled as a garage with two 550-gallon buried gasoline tanks. 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 (108 and 112 East 146th Street and 445, 459, 465 Gerard Avenue)	NORTH: Several one-story buildings labeled as an Auto Junk Yard. The buried gas tank is no longer depicted. EAST: No significant changes, except there is now a small one-story garage behind the residence SOUTH: No significant changes, except now labeled for Garage and Repair WEST: No significant changes
1946	No significant changes, except the current building is now labeled for use as a Taxi Garage and Repair (108 and 112 East 146th Street and 445, 459, and 465 Gerard Avenue)	NORTH: No significant changes EAST: No significant changes SOUTH: No significant changes WEST: No significant changes

Year(s)	Subject Property Description (Listed Address)	Adjacent Site Descriptions
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 (108 and 112 East 146th Street and 459 and 465 Gerard Avenue)	NORTH: No significant changes EAST: No significant changes SOUTH: Current building is labeled as Private Garage with two (2) gasoline tanks WEST: No significant changes
1951	No significant changes (108 and 112 East 146th Street and 459 and 465 Gerard Avenue)	NORTH: No significant changes EAST: No significant changes SOUTH: No significant changes WEST: One-story Private Garage with one gas tank depicted
1977, 1978	No significant changes (108 and 112 East 146th Street and 459 and 465 Gerard Avenue)	NORTH: No significant changes, except only remaining buildings along east side of property EAST: Gerard Avenue followed by the current commercial building labeled Con Edison offices and garage SOUTH: Current warehouse labeled as Con Edison Garage. The gas tanks are no longer depicted. WEST: Current commercial building labeled as a warehouse, with the southern portion constructed in 1974. The gas tanks are no longer depicted.
1980, 1981, 1984, 1986	Current one-story subject building labeled as Auto Repair. The gasoline tank is no longer depicted (108 and 112 East 146th Street and 459 and 465 Gerard Avenue)	NORTH: No significant changes EAST: No significant changes SOUTH: No significant changes WEST: No significant changes
1989, 1991, 1992, 1993, 1994	Current subject building labeled for manufacturing (108 and 112 East 146th Street and 459 and 465 Gerard Avenue)	NORTH: No significant changes EAST: Gerard Avenue followed by the current commercial building labeled for offices and manufacturing SOUTH: No significant changes WEST: No significant changes
1995, 1996, 1998, 2001, 2002, 2003, 2004, 2005, 2006, 2007	No significant changes (108 and 112 East 146th Street and 459 and 465 Gerard Avenue)	NORTH: No significant changes EAST: No significant changes SOUTH: Current commercial building WEST: No significant changes

Potential concerns were noted in the historic use of the subject property as an auto repair facility and taxi garage equipped with multiple gasoline USTs. Please refer to Section 3.1 and 6.3 for additional discussion.

Additionally, multiple adjacent property were identified to have been equipped with one or more gasoline USTs. These adjacent sites were all identified in the regulatory database. Based on the information provided in the regulatory database, the fact that none of the properties formerly equipped with gasoline USTs are upgradient, and the lack of contamination found on the subject property in the prior Phase II report, the former USTs on the adjacent sites are not expected to represent a significant environmental concern. Please refer to Sections 5.1 and 6.3 for additional discussion.

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

3.4 CITY DIRECTORIES

A search of historical city directories was conducted for the subject property utilizing EDR. The following table summarizes the results of the city directory search.

Year(s)	Address - Occupant Listed
1927	445 Gerard Avenue - Gehn Harry Auto Co.
1940	445 Gerard Avenue - Gehn Harry Auto Parts, Harrigan Auto Parts, Philco Sales and Service Corporation (radios)
1949	445 Gerard Avenue - Delmart Service Corp. Garage
1956, 1961	445 Gerard Avenue - Super Operating Corp.
1965	445 Gerard Avenue - Super Operating Corp., Super Adjustment Co.
1971	445 Gerard Avenue - Lenox Maintenance Corp.
1976	445 Gerard Avenue - Kustom Auto Collision
1983	445 Gerard Avenue - A Stone Services, Jesse Shapiro and James Inc., Stone Services, Inc.
1993	445 Gerard Avenue - A Stone Services, AAA Glass and Mirror Supply, All Hands Disposable, Inc., Jesse Shapiro and Games Glass Corp., Stone Services, Inc.
2000	445 Gerard Avenue - AAA Glass and Mirror Supply, Jesse Shapiro and Games Glass Corp.
2005	445 Gerard Avenue - AAA Glass and Mirror Supply, Jesse Shapiro and Games Glass
2008	445 Gerard Avenue - A Stone Services Corp., AAA Glass and Mirror Supply, Jesse Shapiro and Games Glass Corp.
2013	445 Gerard Avenue - Stone Services, AAA Glass and Mirror Supply, Jesse Shapiro and Games Glass Corp.

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. Please refer to Section 6.3 for additional discussion.

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

3.5 HISTORICAL TOPOGRAPHIC MAPS

A search of historical topographic maps was conducted for the subject property utilizing www.historicaerials.com. Additional historical information provided from historical topographic maps is discussed below.

Year(s)	Subject Property Description	Adjacent Site Descriptions
1907, 1910, 1913, 1919	Unimproved land	NORTH: Roadway, followed by unimproved land EAST: Roadway followed by unimproved land SOUTH: Unimproved land WEST: Unimproved land

AEI did not identify potential environmental concerns in association with the historical use of the subject property during the historic topographic map review.

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

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 substance use, storage, and/or unauthorized releases that may have impacted the subject property. In addition, information pertaining to AULs, defined as legal or physical restrictions, or limitations on the use of, or access to, a site or facility, is requested.

4.1 LOCAL ENVIRONMENTAL HEALTH DEPARTMENT AND/OR STATE ENVIRONMENTAL AGENCY

On August 11, 2016, AEI researched the New York State Department of Environmental Conservation (NYSDEC) via their online databases for information on the subject property. Files at this agency may contain information regarding hazardous substance storage and use, underground storage tanks, unauthorized releases of petroleum hydrocarbons or other contaminants that may affect the soil or groundwater in the area, wells and/or septic systems. The subject property was not identified in the NYSDEC online databases.

4.2 FIRE DEPARTMENT

Pursuant to ASTM Standard E1527-13 Section 8.1.5, information that is obtainable within a reasonable time frame is information that will be provided by the source within 20 calendar days of receiving a public information request. Based on the expected response time of over 20 calendar days for the New York City Fire Department (FDNY), records from this agency are not considered reasonably ascertainable. However, based on the quality of information obtained from other sources including other agency records, prior reports, and interviews, this limitation is not expected to significantly alter the Findings of this assessment.

4.3 BUILDING DEPARTMENT

On August 11, 2016, AEI accessed the New York City Department of Building (NYCDOB) Building Information Systems (BIS) website for information on the subject property in order to identify historical tenants, features of concern and property use.

Please refer to the following table for a listing of relevant documentation reviewed:

Year(s)	Owner/Applicant	Description of Permit and Building Use
1923	Not listed	Certification of Occupancy (CO) for Harry Gehn Auto Co. for use as an auto painting facility. The building is described as slab on grade, single story
1964, 1974	Not listed	COs for boiler room in cellar and auto repair shop, offices, and parking/storage on the first floor (ground floor)
1981	Not listed	CO for boiler room in cellar and auto repair shop, warehousing, woodworking, and parking on the first floor (ground floor)

Additionally, miscellaneous non-specific alteration permits were on file with the NYCDOB. Alternate addresses for the subject property were identified through BIS as 459-465 Gerard Avenue and 108-112 East 146th Street. Finally, BIS indicated that the subject property has

an environmental restriction concerning hazmats, noise, and air. This restriction relates to the E-Designation on the subject property discussed in detail in Section 5.1. Please refer to Sections 3.1 and 6.3 for a discussion of concerns associated with the historical use of the subject property as an auto repair facility.

4.4 PLANNING DEPARTMENT

On August 11, 2016, AEI researched the New York City Department of City Planning via their website for information on the subject property in order to identify AULs associated with the subject property.

Evidence indicating the existence of AULs was not on file for the subject property with the New York City Department of City Planning. The subject property was identified as an E-Designation site, which is further discussed in Section 5.1.

4.5 COUNTY ASSESSOR OFFICE

On August 8, 2016, AEI researched the New York City Automated City Register Information System (ACRIS) via their online portal NYCity Map for information on the subject property in order to determine the earliest recorded date of development and use.

According to NYCity Map, the subject property was estimated to be developed with the current site building in 1931. However, based on historical research, the subject property was improved with the current site building by 1923. Please refer to Section 3.1 for a complete historical overview of the subject property. Additional information provided by NYCityMap included that the subject property totals approximately 0.25 acres, is improved with a 10,000-square foot commercial building, is owned by 445 Gerard Avenue, LLC, and is identified as Block 3251, Lot 12.

4.6 OIL AND GAS WELLS/PIPELINES

On August 11, 2016, AEI reviewed the NYSDEC maps and the National Pipeline Mapping System (NPMS) Public Map Viewer concerning the subject property and nearby properties. The maps contain information regarding oil and gas development.

According to the NYSDEC oil and gas maps and NPMS Public Map Viewer, pipelines are not located within 500 feet of the subject property. AEI did not identify evidence of environmental concerns during the map review.

4.7 OTHER AGENCIES SEARCHED

On August 12, 2016, AEI researched the NYC Office of Environmental Remediation (OER) for information regarding the E-Designation on the subject property. All relevant information has been incorporated in Section 5.1; please refer to that section below for additional discussion of the E-Designation on the subject property.

4.8 STATE ENVIRONMENTAL SUPERLIENS AND PROPERTY TRANSFER LAWS

In accordance with our approved scope of services, AEI did not assess whether the subject property is subject to any state environmental superliens and/or property transfer laws.

5.0 REGULATORY DATABASE RECORDS REVIEW

AEI contracted Environmental Data Resources (EDR) to conduct a search of publicly available information from federal, state, tribal, and local databases containing known and suspected sites of environmental contamination and sites of potential environmental significance. Data gathered during the current regulatory database search is compiled by EDR into one regulatory database report. Location information for listed sites is designated using geocoded information provided by federal, state, or local agencies and commonly used mapping databases with the exception of "Orphan" sites. Due to poor or inadequate address information, Orphan sites are identified but not geocoded/mapped by EDR, rather, information is provided based upon vicinity zip codes, city name, and state. The number of listed sites identified within the approximate minimum search distance from the federal and state environmental records database listings specified in ASTM Standard E1527-13 is summarized in Section 5.1, along with the total number of Orphan sites. A copy of the regulatory database report is included in Appendix C of this report.

The subject property was identified in the following databases reviewed: E-Designation, RCRA-Non Gen/NLR, FINDS, ECHO, and Manifest; please refer below for additional discussion.

In determining if a listed site is a potential environmental concern to the subject property, AEI generally applies the following criteria to classify the site as lower potential environmental concern: 1) the site only holds an operating permit (which does not imply a release), 2) the site's distance from, and/or topographic position relative to, the subject property, and/or 3) the site has recently been granted "No Further Action" by the appropriate regulatory agency.

5.1 RECORDS SUMMARY

Database	Search Distance (Miles)	Subject Property Listed	Number of Listings within Search Distance	Recognized Environmental Condition or Other Environmental Consideration (Yes or 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-TSDF	0.5	No	0	
RCRA LQG, SQG, CESQGs, VGN, NLR	SP/ADJ	Yes	1	No; however, the subject property is discussed below
US ENG CONTROLS	SP	No	0	
US INST CONTROLS	SP	No	0	
ERNS	SP	No	0	
STATE/TRIBAL HWS	1	No	6	No, based on the relative distance from the subject property, inferred direction of groundwater flow, and/or regulatory status

Database	Search Distance (Miles)	Subject Property Listed	Number of Listings within Search Distance	Recognized Environmental Condition or Other Environmental Consideration (Yes or No)
STATE/TRIBAL SWLF	0.5	No	2	No, based on the relative distance from the subject property, inferred direction of groundwater flow, and/or regulatory status
STATE/TRIBAL REGISTERED STORAGE TANKS	SP/ADJ	No	0	
STATE/TRIBAL LUST	0.5	No	49	No, based on the relative distance from the subject property, inferred direction of groundwater flow, and/or regulatory status
STATE/TRIBAL EC and IC	SP	No	0	
STATE/TRIBAL VCP	0.5	No	1	No, based on the relative distance from the subject property.
STATE/TRIBAL BROWNFIELD	0.5	No	1	No, based on the relative distance from the subject property.
ORPHAN	N/A	No	5	No; none of the identified orphan sites are located in the immediate vicinity (500-feet) of the subject property, and/or based upon the distance and relative gradient, the sites are not expected to represent a significant environmental concern.
ADDITIONAL ENVIRONMENTAL RECORD SOURCES	SP/ADJ	Yes	5	No; however, the subject property and the adjacent sites are discussed below.

Facility Name: Tax Lot 12, Block 2351, Stone Services Inc.
Database(s): E-Designation, RCRA-NonGen/NLR, FINDS, Manifest, ECHO
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. On August 12, 2016, AEI researched this E-Designation via the NYC OER. 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.

RCRA 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.

- According to the regulatory database, this site has been a non-generator since January 1, 2006. This site was formerly listed as a Small Quantity Generator on July 14, 1999 and a Large Quantity Generator on April 28, 1989 for ignitable wastes. 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.

FINDS 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 statutes (State), and the PCB activity data system (PADS). Enforcement and Compliance History Information (ECHO) tracks compliance and enforcement information for regulated facilities.

- This property is listed as a FINDS and an ECHO site in association with the above RCRA listing (Registry ID 1000311747). 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.

Facility Name: Manhole 4505

Database(s): Spills

Address: Gerard Avenue and East 146th Street

Distance: Adjacent

Direction: Northeast (hydrologically cross-gradient)

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 a ConEd manhole 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.

Facility Name: Lot 20, Tax block 2351

Database(s): E-Designation

Address: 417 Gerard Avenue

Distance: Adjacent

Direction: South (hydrologically cross-gradient)

Comments:

E-Designation:

- 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. This is the same E-Designation that relates to the subject property. Based on the information presented above, this listing does not represent a significant environmental concern to the subject property.

Facility Name: Lot 5, Tax block 2350

Database(s): E-Designation

Address: 444 Gerard Avenue

Distance: Adjacent

Direction: East (hydrologically up-gradient)

Comments:

E-Designation:

- 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. This is the same E-Designation that relates to the subject property. Based on the information presented above, this listing does not represent a significant environmental concern to the subject property.

Facility Name: Tax Lot 3, Block 2351

Database(s): E-Designation

Address: 440 Exterior Street

Distance: Adjacent

Direction: West (hydrologically down-gradient)

Comments:

E-Designation:

- 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. This is the same E-Designation that relates to the subject property and the other adjacent sites. Based on the information presented above, this listing does not represent a significant environmental concern to the subject property.

5.2 VAPOR MIGRATION

AEI reviewed reasonably ascertainable information for the subject and nearby properties, including a regulatory database, files for nearby release sites, and/or historical documentation, to determine if potential vapor-phase migration concerns may be present which could impact the subject property.

Based on a review of available resources as documented in this report, AEI did not identify significant on-site concerns and/or regulated listings from nearby sites which suggest that a vapor-phase migration concern currently exists at the subject property.

6.0 INTERVIEWS AND USER PROVIDED INFORMATION

6.1 INTERVIEWS

Pursuant to ASTM E1527-13, the following interviews were performed during this assessment in order to obtain information indicating RECs in connection with the subject property.

6.1.1 INTERVIEW WITH OWNER

A representative of the subject property owner, Mr. Bobby Schmid of 445 Gerard Avenue, LLC, was contacted in person on August 9, 2016. Mr. Schmid has been associated with the subject property since 1989 and informed AEI that a prior Phase I and Phase II were performed on the subject property. Mr. Schmid indicated that the subject property is equipped with three (3) gasoline USTs that have been closed in place along with an oil/water separator from when the subject property formerly operated as a taxi garage. Mr. Schmid indicated that the Phase II, conducted in 2012, advanced several borings in the areas of the USTs and that no contamination was found above regulatory records. A complete discussion of the prior Phase I and Phase II are discussed in Section 6.3. Mr. Schmid was asked if he was aware of any of the following:

	Yes	No
Any knowledge of USTs, clarifiers or oil/water separators, sumps, or other subsurface features.	✓	
Any knowledge of previous environmental investigations conducted on site.	✓	
Any knowledge of current or past industrial operations and/or other operations which would involve the use of hazardous substances and/or petroleum products.	✓	
Any known plans for site redevelopment or change in site use.		✓
Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property.		✓
Any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property.		✓
Any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.		✓
Any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality.		✓
Comments:		
As discussed above, the subject property was formerly occupied by a taxi garage and is equipped with three (3) gasoline USTs that have been closed in place. A prior Phase I and Phase II were provided by Mr. Schmid and are discussed in Section 6.3 below.		

6.1.2 INTERVIEW WITH KEY SITE MANAGER

The property owner, Mr. Bobby Schmid, or 445 Gerard Avenue, LLC is also the key site manager. Refer to Section 6.1.1.

6.1.3 PAST OWNERS, OPERATORS, AND OCCUPANTS

AEI did not attempt to interview past owners, operators, and occupants of the subject property because information from these sources would likely be duplicative of information already obtained from other sources.

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 E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), 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 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 Mr. Schmid, key site manager and owner representative, during this assessment. A summary of this information follows:

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

AEI completed a Phase II Subsurface Investigation to address the concerns identified in a prior Phase I ESA conducted by AB Property Evaluations Inc. (AB). This report was not provided but was summarized in the 2012 Phase I ESA discussed below.

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 USTs as the two borings located in the vicinity of the UST in the northeastern portion of the subject property (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.

Phase I ESA 445 Gerard Avenue, Bronx, NY, prepared by AEI (April 16, 2012)

According to AEI's 2012 Phase I, the subject property consisted of a warehouse building, located at the southwest corner of Gerard Avenue and East 146th Street, just east of the Major Deegan Expressway (I-87) in an industrial area of the Bronx, New York. The property total is described as approximately 0.25 acres and the site building is described as a one-story building totaling approximately 10,000 square feet. According to the 2012 ESA, the subject property formerly contained a partial basement area, which has since been filled with concrete. At the time of AEI's 2012 assessment, the subject property was occupied by the current tenant and on-site operations were duplicative of what they are today.

AEI's 2012 ESA summarized a prior Phase I conducted by AB in October of 2011. AB's report recommended the following as a result of their investigation:

- 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 the information provided in the 2012 Phase II, AEI's 2012 Phase I identified the former use of the subject property as an auto repair facility (including the former USTs and oil/water separator) as an HREC and recommended no further action.

Copies of the reports are included in the appendices.

Note: If the above report(s) were not prepared by AEI, the information obtained was not verified for accuracy and a critique of the report(s) is beyond the scope of this assessment.

7.0 SITE RECONNAISSANCE

Site Reconnaissance Date	August 9, 2016
AEI Site Assessor(s)	Candace Quinn
Property Escort(s)/Relationship(s) to Property	Mr. Bobby Schmid, owner representative and key site manager and Mr. Christopher Gillis, the subject property broker.
Units/Areas Observed	Entire site building and exterior
Area(s) not accessed and reason(s)	None identified
Weather	85 degrees and sunny

7.1 SUBJECT PROPERTY RECONNAISSANCE FINDINGS

Yes	No	Observation
	✓	Regulated Hazardous Substances/Wastes and/or Petroleum Products in Connection with Property Use
✓		Aboveground/Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)
	✓	Hazardous Substance and Petroleum Product Containers Not in Connection with Property Use
	✓	Unidentified Substance Containers
	✓	Electrical or Mechanical Equipment Likely to Contain Fluids
	✓	Interior Stains or Corrosion
	✓	Strong, Pungent, or Noxious Odors
	✓	Pools of Liquid
✓		Drains, Sumps, and Clarifiers
	✓	Pits, Ponds, and Lagoons
	✓	Stained Soil or Pavement
	✓	Stressed Vegetation
	✓	Solid Waste Disposal or Evidence of Fill Materials
	✓	Waste Water Discharges
	✓	Wells
	✓	Septic Systems
	✓	Biomedical Wastes
✓		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 former filled with gasoline and have been abandoned in place (no abandonment or removal information provided)

on the property. No information concerning the quantity of the USTs was available. Mr. Schmid indicated that one UST was located in the area of a fill port in the northeastern portion of the site building. The other two (2) USTs are located along the interior southern wall of the subject property building. These USTs are located in the approximate area that Sanborn identified gasoline tanks were depicted.

In order to address the reported abandoned USTs, 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 (further discussed below) 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.

A vent pipe was observed above the doorway along the exterior eastern wall of the subject property building. According to Mr. Schmid, this vent pipe was for a former heating oil AST that was located on-site prior to the conversion to natural gas. No fill port was observed in association with this vent pipe. Based on the lack of AST observed, this vent pipe is not expected to represent a significant environmental concern.

DRAINS, SUMPS, AND CLARIFIERS/OIL/WATER SEPARATOR

According to the subject property owner representative Mr. Schmid, the subject property building is equipped with a drainage system which leads to an oil/water separator on-site. 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.

Summary of concerns and/or observations; determination of environmental concern

OTHER

Several 5 to 20-gallon containers of maintenance products (paints, paint related products, WD-40) were observed storage areas of the subject property. The containers were properly labeled and stored. No signs of spills or leaks were observed in conjunction with the containers. Based on the relatively small quantities observed and the lack of evidence of the mismanagement of these materials, the use of these materials on site is not expected to represent a significant environmental concern.

7.2 ADJACENT PROPERTY RECONNAISSANCE FINDINGS

Yes	No	Observation
	✓	Hazardous Substances/Wastes and/or Petroleum Products in Connection with Property Use

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

8.0 OTHER ENVIRONMENTAL CONSIDERATIONS

8.1 ASBESTOS-CONTAINING BUILDING MATERIALS

Asbestos is the name for a group of naturally occurring silicate minerals that are considered to be "fibrous" and through processing can be separated into smaller and smaller fibers. The fibers are strong, durable, chemical resistant, and resistant to heat and fire. They are also long, thin and flexible, so they can even be woven into cloth. Because of these qualities, asbestos was considered an ideal product and has been used in thousands of consumer, industrial, maritime, automotive, scientific, and building products.

At the federal level, asbestos is primarily regulated by the USEPA primarily through the EPA's NESHAP (Standard 40 CFR Chapter 61, Subpart M), the OSHA through the General Industry Standard, and the Construction Industry Standard (29 CFR 1926.1101 and 29 CFR 1910.1001). Many states have regulations in place for the inspection, management, and remediation of asbestos including company and individual licensing requirements for all activities relating to asbestos. Under both federal and state regulations building owners and employers may be required to perform certain activities related to the in-place management of asbestos, and prior to renovations or demolition activities (i.e. asbestos inspections or remediation) that may disturb building materials suspected of containing asbestos.

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. A limited list of typical suspect ACMs is included in the following table:

Material Type	Location
Plaster (Acoustical and Smooth)	Walls and Ceilings
Ceiling Tile	Ceiling Systems
Thermal Systems Insulations, Packings, Gaskets	Heating Systems, Cooling Systems, Domestic and Heating and Cooling Piping, Ductwork, Other Equipment
Floor Tile and Associated Mastics, Flooring Felts, Papers (under hardwood/other)	Floors
Vinyl Sheet Flooring and Adhesives	Floors
Cove Base and Associated Mastics	Walls
Ceramic Tile Adhesives and Grouts	Walls, Floors, and Ceilings
All Adhesives	Mirrors, Wall Coverings, Construction, etc.
Grout and Caulking	Windows and Doors
Gypsum Board, Tape, and Joint Compound	Wall and Ceiling Systems
Insulation Materials	Walls, Ceilings, Attic Spaces
Roofing Materials (Felts, Rolled, Shingle, Flashings, Adhesives, Tar, Insulations)	Roof and Parapet Wall Systems
Brick and Block, Mortars	Walls

All observed suspect ACMs at the subject property were in good condition at the time of the site reconnaissance and are not expected to pose a health and safety concern to the occupants of the subject property at this time. Based on the potential presence of ACMs, AEI recommends the implementation of an O&M Plan which stipulates that the repair and maintenance of damaged materials should be performed to protect the health and safety of the building occupants. In the event that building renovation or demolition activities are planned, a thorough asbestos survey to identify asbestos-containing building materials is required in accordance with the EPA NESHAP 40 CFR Part 61 prior to demolition or renovation activities that may disturb suspect ACMs.

8.2 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 as "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 LBP on most walls and ceilings would not be considered a "hazard", although the paint should be maintained and its condition 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 LBP and LBP hazards before the sale or lease of most housing built before 1978. Most private housing, public housing, or federally owned or subsidized housing is affected by this rule.

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 LCP.

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

Due to the age of the subject property building, there is a potential that LBP is present. During the site inspection, damaged painted surfaces were observed on the interior and exterior walls of the subject property building. Based on the potential presence of LBP, AEI recommends the property owner implement an O&M Plan which stipulates that the assessment, repair and maintenance of damaged painted surfaces be performed to protect the health and safety of the building occupants. Local regulations may apply to LBP 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.

8.3 RADON

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

The United States 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, with Zone 1 being those areas with the average predicted indoor radon concentration in residential dwellings exceeding the EPA Action Limit of 4.0 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 less than 2 pCi/L, below the action level of 4 pCi/L set forth by the US EPA.

8.4 DRINKING WATER SOURCES AND LEAD IN DRINKING WATER

The New York City Department of Environmental Protection (NYCDEP) supplies potable water to the subject property. The most recent water quality report (2015) states that the 90th percentile value for lead levels in samples obtained from the area's water supply was less than 12 micrograms per liter ($\mu\text{g/L}$). Only 23 samples out of a total of 350 samples had lead levels exceeding the regulatory action level. The samples with lead levels exceeding the action level may be attributed to internal corrosion of household water plumbing systems. Overall, lead levels are well within standards established by the US EPA.

8.5 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 observed interior areas of the subject property 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.

9.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

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

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

Prepared By:



Candace Quinn
Project Manager

Reviewed By:



Lindsay Glassman
Senior Author

10.0 REFERENCES

Item	Date(s)	Source
Soils Information	2012	Phase II Subsurface Investigation
Topographic Map	2013	USGS
Aerial Photographs	1924, 1951, 1996, 2006, 2008, 2010, 2012	NYCity Map
Sanborn Map Report/Search	1891, 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	EDR
City Directories	1927, 1931, 1940, 1949, 1956, 1961, 1965, 1971, 1976, 1983, 1993, 2000, 2005, 2008, 2013	EDR
Historical Topographic Maps	1907, 1910, 1913, 1919	www.historicaerials.com
Environmental Health Department/ State Environmental Agency	August 11, 2016	New York State Department of Environmental Conservation (NYSDEC)
Building Department	August 11, 2016	New York City Department of Building (NYCDOB) Building Information Systems (BIS)
Planning Department	August 11, 2016	New York City Department of City Planning
Assessor's Information and Parcel Map	August 8, 2016	Bronx County assessor's office
Oil and Gas Wells/Pipelines	August 11, 2016	NYSDEC and NPMS
Other Agencies Searched	August 12, 2016	NYC OER
Regulatory Database Report	August 4, 2016	EDR
Interview with Owner and key site manager	August 9, 2016	Mr. Bobby Schmid
Previous Reports	2012	Provided by Mr. Schmid, conducted by AEI Consultants
Radon Zone Information	1993	US EPA Map of Radon Zones http://www.epa.gov/radon/zonemap.html
Water Quality Report	2015	New York City Department of Environmental Protection (NYCDEP)

APPENDIX A

FIGURES



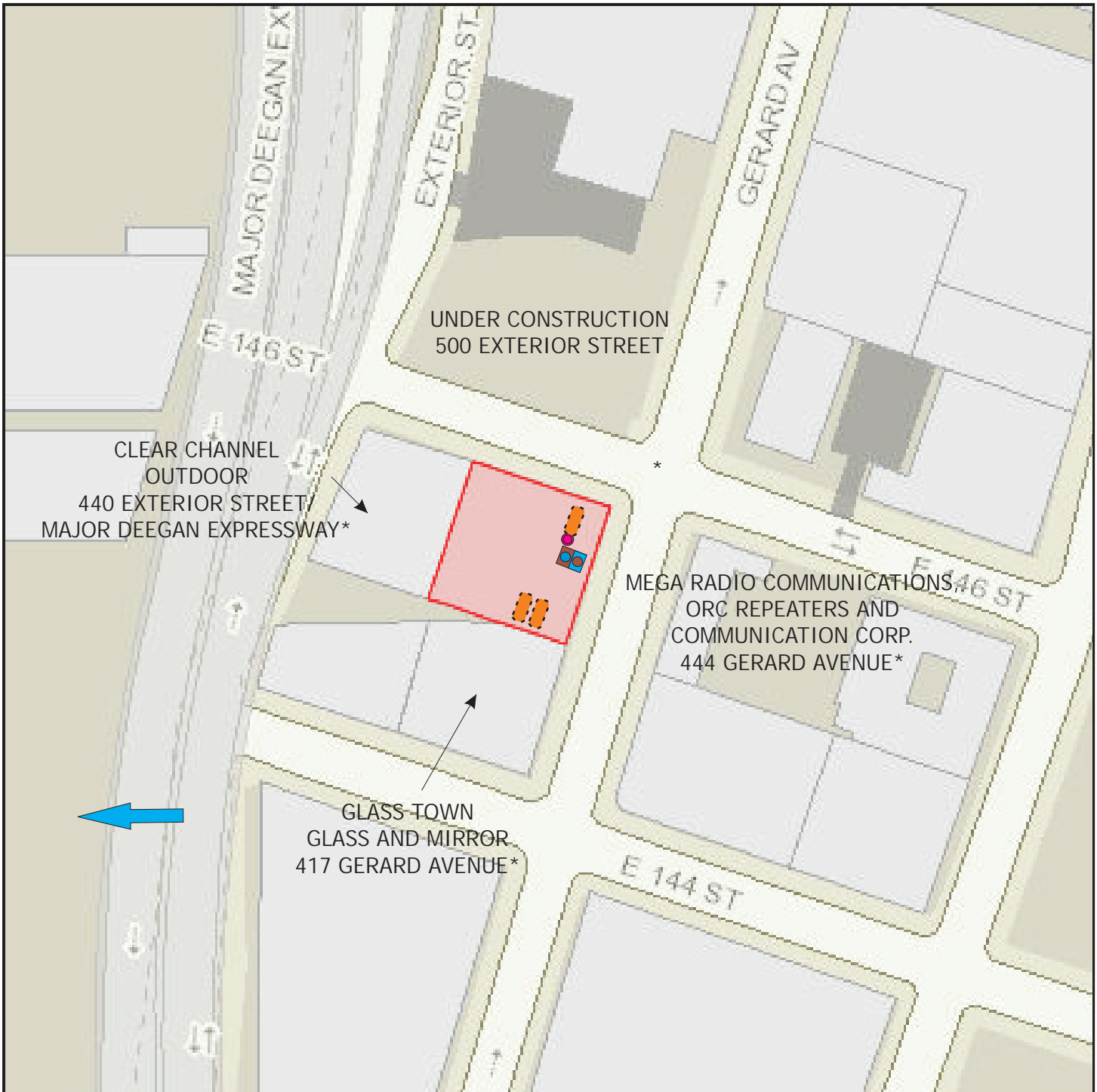
Legend: Approximate Property Boundary ——
 Source: USGS Topographic Map *Central Park, NY* (2013)



Figure 1: TOPOGRAPHIC MAP


445 Gerard Avenue, Bronx, New York 10451
 Project Number: 361203





Legend

Approximate Property Boundary 

Inferred Direction of Groundwater Flow 

Listed in the Regulatory Database (*)

Gasoline USTs 

Fill Port 

Oil/Water Separator 



Figure 2: SITE MAP

445 Gerard Avenue, Bronx, New York 10451
Project Number: 361203



APPENDIX B

PROPERTY PHOTOGRAPHS



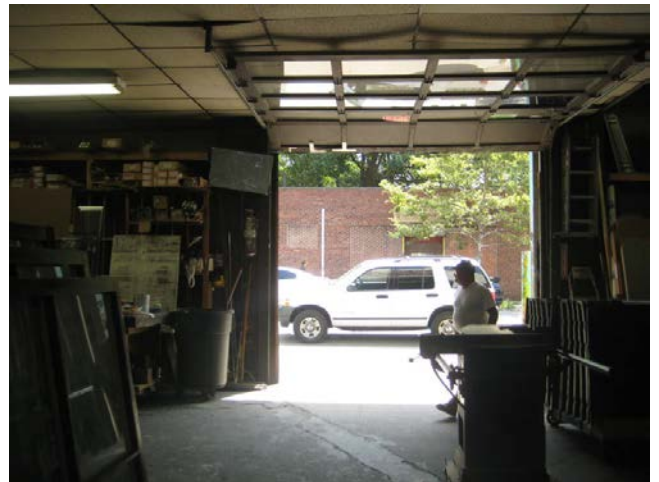
1. View of the east side of the site building along Gerard Avenue.



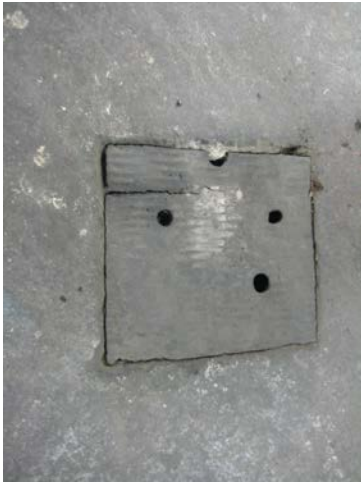
2. View of the vent pipe observed on the east exterior wall of the site building.



3. View of the north side of the subject property building along East 146th Street.



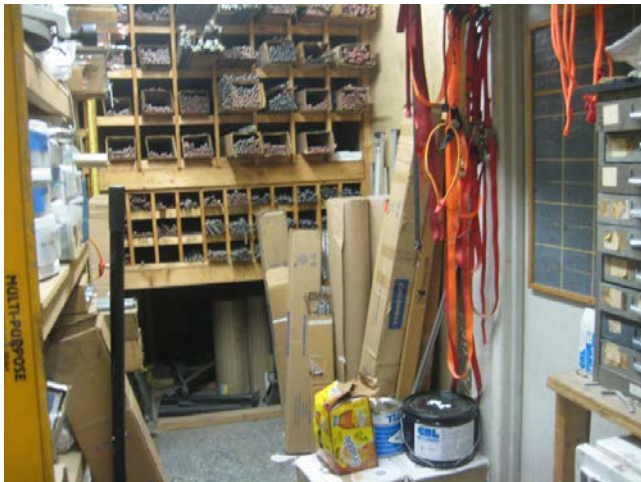
4. Interior view of the subject property building.



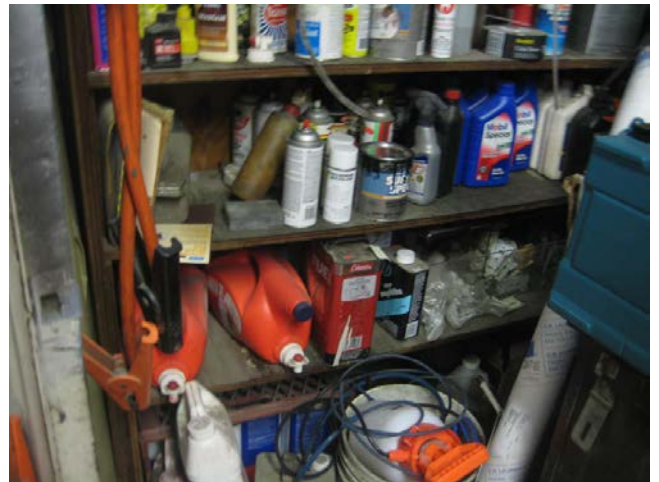
5. View of a typical floor drain that leads into the oil/water separator.



6. View of the oil/water separator.



7. View of a typical storage area.



8. View of maintenance material storage on-site.



9. View of the fill port associated with one of the on-site USTs.



10. Location of the UST in the northeastern corner of the site building.



11. View of additional storage areas on-site.



12. Interior view of the site building.



13. View of the area of the USTs along the southern interior wall of the site building.



14. Alternate interior view of the site building.



15. View of peeling wall paint inside the subject property.



16. View of peeling exterior paint on the subject property building.



17. View of the adjacent site to the north across East 146th Street.



18. View of the adjacent site to the south along Gerard Avenue.



19. View of the adjacent site to the east across Gerard Avenue.



20. View of the adjacent site to the west along Exterior Street/Major Deegan Expressway.



21. View of the paved lot associated with the adjacent site to the west.

APPENDIX C

REGULATORY DATABASE

361203 PM

445 Gerard Avenue
Bronx, NY 10451

Inquiry Number: 4692214.2s
August 04, 2016

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	797
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	PSGR-1

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

445 GERARD AVENUE
BRONX, NY 10451

COORDINATES

Latitude (North):	40.8175460 - 40° 49' 3.16"
Longitude (West):	73.9300940 - 73° 55' 48.33"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	590231.6
UTM Y (Meters):	4518842.5
Elevation:	21 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5940599 CENTRAL PARK, NY
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150729, 20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
445 GERARD AVENUE
BRONX, NY 10451

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LOT 12,TAXBLOCK 2351	445 GERARD AVENUE	NY E DESIGNATION		TP
A2	STONE SERVICES INC	445 GERARD AVE	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO		TP
A3	PAY TV OF GREATER NY	140 E 146TH ST	NY TANKS, NY HIST UST	Lower	62, 0.012, NNE
A4	LOT 3,TAXBLOCK 2351	440 MAJ WM DEEGAN BL	NY E DESIGNATION	Lower	98, 0.019, West
A5	LOT 5,TAXBLOCK 2350	444 GERARD AVENUE	NY E DESIGNATION	Higher	99, 0.019, ESE
A6	LOT 20,TAXBLOCK 2351	417 GERARD AVENUE	NY E DESIGNATION	Higher	105, 0.020, SSE
A7	MANHOLE 4505	WEST GERARD AVE/146T	NY Spills	Higher	109, 0.021, ENE
B8	101-165 W 146TH ST/B	1010165 WEST 146TH S	NY LTANKS	Lower	142, 0.027, WNW
9	LOT 1,TAXBLOCK 2351	404 MAJ WM DEEGAN BL	NY E DESIGNATION	Lower	150, 0.028, WSW
10	CHAIRMASTERS INC-200	200 E 146TH ST	NY LTANKS, NY UST, NY HIST UST, RCRA NonGen / NLR,...	Higher	210, 0.040, East
C11	LOT 1,TAXBLOCK 2350	121 EAST 144 STREET	NY E DESIGNATION	Higher	212, 0.040, SE
B12	COPAKE VALLEY FARM L	475 EXTERIOR ST	RCRA NonGen / NLR	Lower	217, 0.041, NW
B13	BRONX COUNTY RECYCLI	475 EXTERIOR STREET	NY AST	Lower	217, 0.041, NW
B14	NEW YORK RECYCLING L	475 EXTERIOR STREET	NY SWF/LF, NY Spills, NY SPDES	Lower	217, 0.041, NW
B15		475 EXTERIOR ST	EDR Hist Auto	Lower	217, 0.041, NW
B16	BRONX COUNTY RECYCLI	475 EXTERIOR STREET	NY UST	Lower	217, 0.041, NW
B17	NORTHBOUD SERVICE RD	EXIT 4 MAJOR DEAGAN	NY Spills	Lower	236, 0.045, NW
D18		475 GERARD AVE	EDR Hist Auto	Higher	245, 0.046, NNE
D19	A.C. AUTO WRECKING C	475 GERARD AVENUE	NY AST	Higher	245, 0.046, NNE
C20	ROCKET JEWELRY BOX I	125 EAST 144TH STREE	NY AST	Higher	260, 0.049, SSE
21	PPG INDUSTRIES INC L	441 EXTERIOR ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	284, 0.054, WNW
C22	LOT 112,TAXBLOCK 234	120 EAST 144 STREET	NY E DESIGNATION	Higher	300, 0.057, SSE
C23	PANORAMIC INDUSTRIES	120 E 144TH ST	NY AST	Higher	300, 0.057, SSE
C24	LOT 16,TAXBLOCK 2350	135 EAST 144 STREET	NY E DESIGNATION	Higher	334, 0.063, SE
E25	CON EDISON	385 GERARD AVE	NY MANIFEST	Higher	351, 0.066, South
F26	HOSTOS COMMUNITY COL	427 WALTON AVENUE	NY UST	Higher	351, 0.066, ESE
F27	LOT 11,TAXBLOCK 2350	427 WALTON AVENUE	NY E DESIGNATION	Higher	351, 0.066, ESE
G28	COATS NORTH AMERICA	135 EAST 144TH STREE	NY AST	Higher	367, 0.070, SE
E29	BARKLEY BUILDING	385 GERARD AVE - 5TH	RCRA NonGen / NLR, FINDS, ECHO	Lower	379, 0.072, South
E30	VS 2773	385 GERARD AVENUE	NY Spills	Lower	383, 0.073, South
E31	LOT 90,TAXBLOCK 2349	385 GERARD AVENUE	NY E DESIGNATION	Lower	383, 0.073, South
E32	385 GERARD AVE	385 GERARD AVENUE	NY AST	Lower	383, 0.073, South
E33	S & S INDUSTRIES INC	385 GERARD AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	383, 0.073, South
E34	SPORT SCREEN INC	385 GERARD AVE 2ND F	RCRA NonGen / NLR, FINDS, ECHO	Lower	383, 0.073, South
E35	NORTHEAST LAMP RECYC	385 GERARD AVE - MAI	RCRA NonGen / NLR	Lower	383, 0.073, South
E36	S & S INDUSTRIES INC	385 GERARD AVE	RCRA NonGen / NLR, US AIRS, NY MANIFEST	Lower	383, 0.073, South
37	LOT 34,TAXBLOCK 2350	500 GERARD AVENUE	NY E DESIGNATION	Higher	389, 0.074, NNE
38	CLOSED-LACKOF RECENT	471 WALTON AVE	NY LTANKS	Higher	420, 0.080, East
G39	MANHOLE # 9489	WALTON AVE EAST 144T	NY Spills	Higher	431, 0.082, SE

MAPPED SITES SUMMARY

Target Property Address:
445 GERARD AVENUE
BRONX, NY 10451

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	HOSTOS COMMUNITY COL	WALTON AVE EAST 144T	NY LTANKS	Higher	431, 0.082, SE
H41	EXTERIOR ST &	MAJOR DEEGAN EXPRESS	NY Spills	Lower	449, 0.085, SSW
G42	ROCCO MANNILIO	149 -56 14TH AVE	NY Spills	Higher	449, 0.085, SE
E43	LOT 110,TAXBLOCK 234	370 GERARD AVENUE	NY E DESIGNATION	Lower	457, 0.087, South
I44	475 WALTON AVENUE	475 WALTON AVENUE	NY Spills	Higher	482, 0.091, ENE
H45	ATLANTIC EXPRESS - E	399 EXTERIOR ST	NY Spills, NY SPDES	Lower	491, 0.093, SSW
H46	MONTAUK STUDENT TRAN	399 EXTERIOR STREET	NY UST	Lower	491, 0.093, SSW
H47	LOT 100,TAXBLOCK 234	399 EXTERIOR STREET	NY E DESIGNATION	Lower	491, 0.093, SSW
H48	MONTAUK STUDENT TRAN	399 EXTERIOR STREET	NY AST	Lower	491, 0.093, SSW
I49	LOT 63,TAXBLOCK 2350	479 WALTON AVENUE	NY E DESIGNATION	Higher	499, 0.095, ENE
I50	MTA NYCT - PUMP ROOM	479 WALTON AVE	RCRA-SQG	Higher	499, 0.095, ENE
H51	LOT 46,TAXBLOCK 2349	355 EXTERIOR STREET	NY E DESIGNATION	Lower	571, 0.108, SSW
H52	CONSOLIDATED EDISON	355 EXTERIOR ST OPEX	NY MANIFEST	Lower	571, 0.108, SSW
J53	PUBLIC SCHOOL 31 - B	425 GRAND CONCOURSE	NY AST	Higher	572, 0.108, ESE
J54	P.S. 31	425 GRAND CONCOURSE	NY HIST AST, NY Spills	Higher	572, 0.108, ESE
K55	PHASE 2	110 EAST 149TH STREE	NY Spills	Lower	575, 0.109, North
K56	LOT 25,TAXBLOCK 2351	110 EAST 149 STREET	NY E DESIGNATION	Lower	582, 0.110, NNE
K57	LOT 35,TAXBLOCK 2351	100 EAST 149 STREET	NY E DESIGNATION	Lower	593, 0.112, North
L58	U-HAUL CO OF METRO N	368 WALTON AVENUE	NY UST, NY HIST UST	Higher	606, 0.115, SSE
L59	U HAUL #803-68	368 WALTON AVE	NY Spills	Higher	606, 0.115, SSE
M60	GAINES LEASING CORP	325 EXTERIA ST	NY TANKS, NY HIST UST, NY HIST AST, RCRA NonGen /...	Lower	607, 0.115, SSW
M61		325 EXTERIOR ST	EDR Hist Auto	Lower	607, 0.115, SSW
M62	LOT 38,TAXBLOCK 2349	325 EXTERIOR STREET	NY Spills, NY E DESIGNATION	Lower	607, 0.115, SSW
M63	LUIGI RENALDO AUTO C	325 EXTERIOR ST	RCRA NonGen / NLR, NY MANIFEST	Lower	607, 0.115, SSW
N64	CON EDISON MANHOLE 4	E 149TH ST & GERARD	RCRA NonGen / NLR, NY MANIFEST, NJ MANIFEST	Lower	616, 0.117, NNE
N65	MANHOLE #4506	149TH & GERARD AVE	NY Spills	Lower	621, 0.118, NNE
N66	MANHOLE#4510	EAST 149 ST/GERARD A	NY Spills	Lower	621, 0.118, NNE
N67		111 E 149TH ST	EDR Hist Auto	Lower	642, 0.122, NNE
O68		444 GRAND CONCOURSE	EDR Hist Auto	Higher	643, 0.122, ESE
O69	CON EDISON SERVICE B	450 GRAND CONCOURSE	RCRA NonGen / NLR, NY MANIFEST	Higher	646, 0.122, ESE
O70	CON EDISON	450 GRAND CONCOURSE	NY Spills, NY MANIFEST	Higher	646, 0.122, ESE
K71		101 E 149TH ST	EDR Hist Auto	Lower	646, 0.122, NNE
P72	LOT 26,TAXBLOCK 2345	395 GRAND CONCOURSE	NY E DESIGNATION	Higher	650, 0.123, SE
Q73	475 GRAND CONCOURSE	475 GRAND CONCOURSE	NY Spills	Higher	653, 0.124, ENE
Q74	HOSTOS COMMUNITY COL	475 GRAND CONCOURSE	RCRA-CESQG, NY UST, NY AST, FINDS, NJ MANIFEST, NY...	Higher	653, 0.124, ENE
J75	424-430 GRAND CONCOU	424-430 GRAND CONCOU	NY AST, NY HIST AST	Higher	654, 0.124, ESE
J76	A J GRIFFEN CORP	424 GRAND CONCOURSE	NY AST, NY HIST AST	Higher	654, 0.124, ESE
N77	MANHATTAN WEST 09 DO	125 EAST 149TH STREE	NY Spills	Lower	655, 0.124, NNE
N78	NYC SANITATION	125 E 149TH ST	RCRA NonGen / NLR, ICIS, FINDS, ECHO	Lower	655, 0.124, NNE

MAPPED SITES SUMMARY

Target Property Address:
445 GERARD AVENUE
BRONX, NY 10451

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
N79	MANHATTAN WEST 9	125 E 149TH ST	NY MANIFEST	Lower	655, 0.124, NNE
N80	DSNY M DISTRICT 9 GA	125 EAST 149TH STREE	NY UST	Lower	655, 0.124, NNE
R81	CON EDISON	351 RIVER AVE	NY MANIFEST	Lower	672, 0.127, SSW
R82	WEDTECH CORP	350 GERARD AVE	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Lower	675, 0.128, South
R83	350 GERARD CORPORATI	350 GERARD AVENUE	NY UST, NY HIST UST	Lower	675, 0.128, South
L84	U-HAUL	350 WALTON AVE	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Higher	693, 0.131, SSE
L85	GRAND CONCOURSE U-HA	350 WALTON AVENUE	NY AST	Higher	693, 0.131, SSE
86	CON EDISON MANHOLE:	291 EXTERIOR ST	RCRA-CESQG, FINDS, NY MANIFEST, ECHO	Lower	730, 0.138, SSW
P87	388-390 GRAND CONCOU	388-390 GRAND CONCOU	NY AST	Higher	758, 0.144, SE
S88	HOSTOS COMMUNITY COL	500 GRAND CONCOURSE	RCRA NonGen / NLR, ICIS, US AIRS, FINDS, NY...	Higher	761, 0.144, ENE
S89	HOSTOS COMMUNITY COL	500 GRAND CONCOURSE	NY UST	Higher	761, 0.144, ENE
S90	HOSTOS COMMUNITY COL	500 GRAND CONCOURSE	NY AST	Higher	761, 0.144, ENE
S91	HOSTOS COMMUNITY COL	427 WALTON AVE	RCRA-CESQG, NY Spills, NY MANIFEST, NJ MANIFEST	Higher	761, 0.144, ENE
T92	MOBIL S/S 17-KRQ BRO	99 EAST 149TH STREET	NY UST	Lower	762, 0.144, NNW
T93	BP#13990	99-113 149TH STREET	NY UST	Lower	762, 0.144, NNW
T94	MOBIL	99 EAST 149TH ST	NY LTANKS, NY Spills	Lower	762, 0.144, NNW
T95	BP WEST COAST PRODUC	99 E 149TH ST	RCRA-CESQG, US AIRS, NY MANIFEST, NJ MANIFEST	Lower	762, 0.144, NNW
T96	CON EDISON	91 E 149TH ST FRONT	NY MANIFEST	Lower	775, 0.147, NNW
T97	CON EDISON SERVICE B	91 E 149TH ST FRONT	RCRA NonGen / NLR, FINDS	Lower	775, 0.147, NNW
98	CON EDISON MANHOLE 4	GERARD AVE & E 140TH	RCRA NonGen / NLR, NY MANIFEST, NJ MANIFEST	Lower	816, 0.155, South
99	GERARDO WOODWORKING	168 EAST 144TH STREE	NY LTANKS	Higher	822, 0.156, ESE
U100	MTA NYCT - 149TH ST	E 149TH ST & GRAND C	RCRA-CESQG, NY MANIFEST	Higher	845, 0.160, ENE
U101	CON EDISON	E 149TH ST & GRAND C	RCRA-CESQG, NY MANIFEST	Higher	845, 0.160, ENE
V102	MERIT GRAND CONCOURS	370 GRAND CONCOURSE	NY UST, NY Spills	Higher	847, 0.160, SSE
V103	MERIT GRAND CONCOURS	370 GRAND CONCOURSE	RCRA-SQG, US AIRS, FINDS, NY MANIFEST, NJ...	Higher	847, 0.160, SSE
W104	CON EDISON	E 140TH ST & WALTON	RCRA NonGen / NLR	Higher	879, 0.166, South
W105	CON EDISON TRANSFORM	WALTON AVE & E 140TH	RCRA NonGen / NLR, NJ MANIFEST	Higher	879, 0.166, South
106	585 GERARD AVENUE CO	585 GERARD AVENUE	NY AST	Lower	881, 0.167, NNE
X107	CON EDISON	37 E 149TH ST FRONT	NY MANIFEST	Lower	893, 0.169, NNW
X108	CON EDISON SERVICE B	37 E 149TH ST FRONT	RCRA NonGen / NLR	Lower	893, 0.169, NNW
X109	149TH STREET	149TH STREET	NY LTANKS	Lower	898, 0.170, NW
Y110	EAGLE AUTO REPAIR CO	341 GRAND CONCOURSE	NY AST	Higher	917, 0.174, SSE
W111	B & M LINEN CORP	310 WALTON AVE	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Higher	919, 0.174, South
W112	HIPPODROME SVCS	310 WALTON AVE	NY LTANKS, NY MANIFEST	Higher	919, 0.174, South
W113	310 WALTON AVENUE	310 WALTON AVENUE	NY UST, NY HIST UST	Higher	919, 0.174, South
114	NYCDOT/145 STREET BR	145TH ST BRG OVER HA	RCRA-SQG, NY MANIFEST, NJ MANIFEST	Lower	923, 0.175, NW
115	CON ED - EXTERIOR ST	281 EXTERIOR ST	NY SWF/LF, RCRA NonGen / NLR, FINDS, NY MANIFEST,...	Lower	926, 0.175, SSW
Z116	NYCDC - BRONX DETENT	653 RIVER AVE	RCRA NonGen / NLR, FINDS, NY MANIFEST, ECHO	Lower	937, 0.177, North
Z117	BRONX HOUSE OF DETEN	653 RIVER AVENUE	NY UST	Lower	937, 0.177, North

MAPPED SITES SUMMARY

Target Property Address:
445 GERARD AVENUE
BRONX, NY 10451

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
W118	BEN-GOMO REALTY, INC	301 WALTON AVENUE	NY AST	Higher	938, 0.178, South
Y119	GRAND CONCOURSE PETR	350 GRAND CONCOURSE	NY UST	Higher	955, 0.181, SSE
Y120	A C A AMOCO #594	350 GRAND CONCOURSE	RCRA NonGen / NLR	Higher	955, 0.181, SSE
AA121	CON EDISON	GERARD AVE & E 150 S	NY MANIFEST	Higher	964, 0.183, NNE
AA122	CON EDISON	GERARD AVE & E 150TH	RCRA NonGen / NLR, NY MANIFEST, NJ MANIFEST	Higher	964, 0.183, NNE
AB123	557 GRAND CONCOURSE	557 GRAND CONCOURSE	RCRA NonGen / NLR, FINDS, ECHO	Higher	977, 0.185, NE
AB124	COMMERCIAL PROPERTY	557 GRAND CONCOURSE	NY LTANKS, NY Spills	Higher	977, 0.185, NE
AB125	AMOCO-PEREZ 13305	557 GRAND CONCOURSE	RCRA NonGen / NLR, ICIS, US AIRS, FINDS, NY...	Higher	977, 0.185, NE
AB126	JOSE PEREZ	557 GRAND CONCOURSE	NY UST	Higher	977, 0.185, NE
W127	287 WALTON AVE.	287 WALTON AVENUE	NY AST	Higher	987, 0.187, South
AA128	NYCDOS TANK TEST FAI	545 GERARD AVE / 125	NY LTANKS	Higher	997, 0.189, NNE
AA129	NYC DEPT OF SANITATI	545 GERARD AVE	NY LTANKS	Higher	997, 0.189, NNE
AC130	138 EAST 150TH STREE	138 EAST 150TH STREE	NY LTANKS	Higher	1003, 0.190, NE
AB131	BRONX GENERAL POST O	558-582 GRAND CONCOU	NY HIST UST	Higher	1006, 0.191, ENE
AB132	BRONX PROCESSING & D	558-582 GRAND CONCOU	NY UST	Higher	1006, 0.191, ENE
AB133	BRONX PROCESSING & D	558-582 GRAND CONCOU	NY AST	Higher	1006, 0.191, ENE
AB134	USPS - BRONX	558 GRAND CONCOURSE	RCRA-CESQG, FINDS, NY MANIFEST, PA MANIFEST, ECHO	Higher	1006, 0.191, ENE
Z135	AMERICAN SELF STORAG	586 RIVER AVENUE / 5	NY AST	Lower	1009, 0.191, North
Y136	PEGUERO BROTHERS REP	338 GRAND CONCOURSE	NY AST	Higher	1024, 0.194, SSE
AD137	GRAND OPERATING CORP	315 GRAND CONCOURSE	RCRA NonGen / NLR, US AIRS, FINDS, ECHO	Higher	1034, 0.196, SSE
AD138	BOULEVARD CAR WASH O	315 GRAND CONCOURSE	NY UST	Higher	1034, 0.196, SSE
AD139	BOULEVARD CAR WASH O	315 GRAND CONCOURSE	NY AST	Higher	1034, 0.196, SSE
AC140	ENGINE COMPANY 41	150 E. 150TH STREET	NY AST, NY HIST AST	Higher	1047, 0.198, NE
141	CON EDISON SERVICE B	E 144TH ST & PARK AV	RCRA NonGen / NLR, NY MANIFEST	Lower	1079, 0.204, ESE
142	CON EDISON	161 E 150 ST F/O	NY MANIFEST	Higher	1099, 0.208, NE
AE143	CON EDISON	E 150 ST & EXTERIOR	RCRA NonGen / NLR, NY MANIFEST	Lower	1101, 0.209, North
AE144	BRONX TERMINAL MARKE	EXTERIOR STREET & EA	NY UST	Lower	1101, 0.209, North
AF145	CON EDISON SERVICE B	PARK AVE & E 146TH S	RCRA NonGen / NLR, FINDS	Lower	1110, 0.210, ESE
AF146	CON EDISON	PARK AVE & E 146TH S	NY MANIFEST	Lower	1110, 0.210, ESE
AE147	PROW BUILDING	560 EXTERIOR ST	RCRA-LQG, NY MANIFEST	Lower	1134, 0.215, North
148	255 EXTERIOR STREET,	255 EXTERIOR STREET	NY UST	Lower	1140, 0.216, SSW
AG149	NYS ARMORY	2366 5TH AVE	NY HIST UST, NY HIST AST	Lower	1175, 0.223, West
AG150	NYS ARMORY	5TH AVE	RCRA-SQG, NY UST, NY AST, NJ MANIFEST, NY MANIFEST	Lower	1175, 0.223, West
AG151	NEW YORK STATE ARMOR	2366 5TH AVE	RCRA-SQG, FINDS, NY MANIFEST, ECHO	Lower	1175, 0.223, West
152	NYCDEP	141 & PARK AVE	NY MANIFEST	Lower	1176, 0.223, SE
AE153	NYSDOT - CONTRACT D2	ADJACENT TO 725 EXTE	RCRA NonGen / NLR	Lower	1180, 0.223, North
AH154	CON EDISON	W 142ND ST & 5TH AVE	RCRA-CESQG	Lower	1221, 0.231, West
AH155	CON EDISON	W 142ND ST & 5TH AVE	RCRA-CESQG	Lower	1221, 0.231, West
AI156	580 GERARD AVENUE	580 GERARD AVENUE	NY UST	Higher	1233, 0.234, NNE

MAPPED SITES SUMMARY

Target Property Address:
445 GERARD AVENUE
BRONX, NY 10451

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AI157	US POSTAL SERVICE -	580 GERARD AVE	RCRA NonGen / NLR	Higher	1233, 0.234, NNE
AI158	580 GERARD AVENUE	580 GERARD AVENUE	NY HIST UST	Higher	1233, 0.234, NNE
AH159	NYSDOT BIN 1077020	W 142ND ST PEDESTRIA	RCRA-LQG, NY MANIFEST, NJ MANIFEST	Lower	1244, 0.236, West
AH160	CON EDISON	2 W 142 ST	NY MANIFEST	Lower	1244, 0.236, West
161	CONSOLIDATED EDISON	17 WEST 143 STREET	NY MANIFEST	Lower	1302, 0.247, West
162	CON EDISON	2824 PARK AVE	NY MANIFEST	Lower	1307, 0.248, East
163	CON EDISON	624 WALTON AVE	NY MANIFEST	Higher	1308, 0.248, NNE
AJ164	2350 FIFTH AVENUE	2350 FIFTH AVENUE	NY VCP	Lower	1325, 0.251, WSW
AJ165	2350 FIFTH AVENUE CO	2350 5TH AVE	RCRA-CESQG, NY SHWS, NY VAPOR REOPENED, NY ENG...	Lower	1325, 0.251, WSW
166	381 CANAL PLACE	381 CANAL PLACE	NY LTANKS, NY Spills, NY MANIFEST	Lower	1377, 0.261, SE
AK167	GRAND CONCOUR/CARROL	118 GRAND CONCOURSE	NY LTANKS	Higher	1463, 0.277, South
AK168	GASETERIA	115 EAST 138TH STREE	NY LTANKS, NY Spills	Lower	1471, 0.279, South
169	CARMEL HAYS HIGH SCH	650 GRAND CONCORSE	NY LTANKS	Higher	1520, 0.288, NE
170	RESIDENTIAL	2300 5TH AVE	NY LTANKS	Lower	1576, 0.298, WSW
171	ECOLOGY RECYCLING PL	321 CANAL PLACE	NY SWRCY	Lower	1580, 0.299, SSE
172	EXXONMOBIL	70 MAJOR DEEGAN NORT	NY LTANKS	Lower	1685, 0.319, SSW
173	2568 PARK	2568 PARK AVENUE	NY SHWS	Lower	1706, 0.323, SSE
174	ATLANTIC FUELS INC/B	939 EAST 138TH STREE	NY LTANKS, NY Spills	Lower	1806, 0.342, SW
175	APT. BLDG 15 W. 139T	APT. BLDG 15 W. 139T	NY LTANKS	Lower	1849, 0.350, WSW
176	USPS VEHICLE MAINT.	580 GERARD AVENUE	NY LTANKS, NY Spills	Higher	1984, 0.376, NNE
AL177	NYC TRANSIT	146TH ST & LENOX	NY LTANKS	Lower	2055, 0.389, NW
AL178	CLARA HALE (146 STRE	721 LENOX AVENUE	NY LTANKS, NY CBS, NY CBS AST, NY Spills	Lower	2067, 0.391, NW
AL179	MOTHER CLARA HALE (1	721 LENOX AVE	NY LTANKS, NY Spills	Lower	2067, 0.391, NW
180	556 MORRIS AVE	556 MORRIS AVE	NY LTANKS	Higher	2074, 0.393, East
AM181	LINCOLN MEDICAL CENT	234 EAST 149TH ST	NY LTANKS, NY Spills	Higher	2212, 0.419, East
AM182	LINCOLN MEDICAL & HE	234 E.149TH ST	NY LTANKS, NY Spills	Higher	2212, 0.419, East
AN183	242 EAST 138TH STREE	242 EAST 138TH STREE	NY LTANKS, NY UST	Lower	2220, 0.420, SSE
AN184	138TH ST / RIDER AVE	138TH ST / RIDER AVE	NY LTANKS	Lower	2254, 0.427, SSE
185	SPILL NUMBER 9808791	75 CANAL ST	NY LTANKS	Lower	2274, 0.431, South
186	730 GRAND CONCOURSE	730 GRAND CONCOURSE	NY LTANKS, NY Spills	Higher	2277, 0.431, NE
187	101-125 WEST 147TH S	101-125 WEST 147TH S	NY LTANKS	Lower	2294, 0.434, NW
AN188	RIDER AVENUE GAS STA	250 EAST 138TH STREE	NY SHWS	Lower	2299, 0.435, SSE
AO189	SAVOY PARK APT	620 LENNOX AVE	NY LTANKS	Lower	2318, 0.439, West
190	FORMER G & C SERVICE	255 EAST 138TH STREE	NY BROWNFIELDS	Higher	2344, 0.444, SSE
191	APARTMENT	635 MORRIS AVE	NY LTANKS	Higher	2376, 0.450, ENE
AO192	APT COMPLEX	101 W.140TH ST	NY LTANKS	Lower	2382, 0.451, West
AP193	120-128 WEST 145TH S	120-128 WEST 145TH S	NY LTANKS	Lower	2415, 0.457, WNW
AP194	120-128 W.145TH ST	120-128 W.145TH ST	NY LTANKS	Lower	2415, 0.457, WNW
195	APARTMENT	127 WEST 141 ST	NY LTANKS	Higher	2507, 0.475, West

MAPPED SITES SUMMARY

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BRONX, NY 10451

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
196	RIVERTON APARTMENTS	2225-2237 5TH AVE	NY LTANKS	Lower	2531, 0.479, SW
197	711 WALTON AVENUE	711 WALTON AVENUE	NY LTANKS	Higher	2540, 0.481, NNE
198	P & R FIXTURES CORP	271 E 139TH ST	NY LTANKS	Higher	2541, 0.481, SSE
199	SURREY RESIDENCE	740 GRAND CONCOURSE	NY LTANKS	Higher	2547, 0.482, NE
200	BRONX TERMINAL MARKE	UNDER DEEGAN EXP	NY LTANKS	Lower	2548, 0.483, North
201	560 LINCOLN AVENUE	560 LINCOLN AVENUE	NY LTANKS	Higher	2566, 0.486, East
202	120 W 140TH ST	120 W 140TH ST	NY LTANKS	Lower	2569, 0.487, West
203	PRIVATE DWELLING	106 WEST 139TH ST	NY LTANKS	Lower	2577, 0.488, West
204	150-54 WEST 145TH ST	150-54 WEST 145TH ST	NY LTANKS	Higher	2579, 0.488, WNW
205	EXCAVATION	675 MORRIS AVE	NY LTANKS	Higher	2619, 0.496, ENE
206	SPILL NUMBER 0209798	160 WEST 146TH ST	NY LTANKS	Lower	2636, 0.499, NW
207	FILM STORAGE WAREHOU	203-209 WEST 146TH S	NY SHWS	Higher	3244, 0.614, NW
208	VISTA 1	2401 THIRD AVENUE	NY SHWS	Lower	3339, 0.632, South
209	CON EDISON - WEST 13	12TH AVE. BETWEEN W.	EDR MGP	Higher	3888, 0.736, WSW
210	FORMER MELROSE AVENU	753 MELROSE AVENUE	NY SHWS	Higher	4247, 0.804, ENE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
LOT 12,TAXBLOCK 2351 445 GERARD AVENUE BRONX, NY 10451	NY E DESIGNATION	N/A
STONE SERVICES INC 445 GERARD AVE BRONX, NY 10451	RCRA NonGen / NLR EPA ID:: NYD012261244 FINDS Registry ID:: 110004344086 NY MANIFEST EPA ID: NYD012261244 ECHO	NYD012261244

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

EXECUTIVE SUMMARY

Federal RCRA non-CORRACTS TSD facilities list

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal leaking storage tank lists

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

NY HIST LTANKS..... Listing of Leaking Storage Tanks

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

NY CBS UST..... Chemical Bulk Storage Database

NY MOSF UST..... Major Oil Storage Facilities Database

NY MOSF..... Major Oil Storage Facility Site Listing

NY MOSF AST..... Major Oil Storage Facilities Database

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

NY RES DECL..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP..... Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE..... Registered Waste Tire Storage & Facility List

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

NY DEL SHWS..... Delisted Registry Sites
US CDL..... National Clandestine Laboratory Register

Local Land Records

NY LIENS..... Spill Liens Information
LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
NY Hist Spills..... SPILLS Database
NY SPILLS 90..... SPILLS 90 data from FirstSearch
NY SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US MINES..... Mines Master Index File
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
UXO..... Unexploded Ordnance Sites
NY AIRS..... Air Emissions Data
NY COAL ASH..... Coal Ash Disposal Site Listing
NY DRYCLEANERS..... Registered Drycleaners
NY Financial Assurance..... Financial Assurance Information Listing
NY HSWDS..... Hazardous Substance Waste Disposal Site Inventory
NY UIC..... Underground Injection Control Wells
FUELS PROGRAM..... EPA Fuels Program Registered Listing

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner..... EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

NY RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 12/09/2015 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>PROW BUILDING</i>	<i>560 EXTERIOR ST</i>	<i>N 1/8 - 1/4 (0.215 mi.)</i>	<i>AE147</i>	<i>546</i>
<i>NYSDOT BIN 1077020</i>	<i>W 142ND ST PEDESTRIA</i>	<i>W 1/8 - 1/4 (0.236 mi.)</i>	<i>AH159</i>	<i>628</i>

EXECUTIVE SUMMARY

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

A review of the RCRA-SQG list, as provided by EDR, and dated 12/09/2015 has revealed that there are 5 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MTA NYCT - PUMP ROOM MERIT GRAND CONCOURS	479 WALTON AVE 370 GRAND CONCOURSE	ENE 0 - 1/8 (0.095 mi.) SSE 1/8 - 1/4 (0.160 mi.)	I50 V103	147 379
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NYCDOT/145 STREET BR	145TH ST BRG OVER HA	NW 1/8 - 1/4 (0.175 mi.)	114	412
NYS ARMORY	5TH AVE	W 1/8 - 1/4 (0.223 mi.)	AG150	556
NEW YORK STATE ARMOR	2366 5TH AVE	W 1/8 - 1/4 (0.223 mi.)	AG151	589

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 12/09/2015 has revealed that there are 9 RCRA-CESQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOSTOS COMMUNITY COL	475 GRAND CONCOURSE	ENE 0 - 1/8 (0.124 mi.)	Q74	201
HOSTOS COMMUNITY COL	427 WALTON AVE	ENE 1/8 - 1/4 (0.144 mi.)	S91	307
MTA NYCT - 149TH ST	E 149TH ST & GRAND C	ENE 1/8 - 1/4 (0.160 mi.)	U100	358
CON EDISON	E 149TH ST & GRAND C	ENE 1/8 - 1/4 (0.160 mi.)	U101	366
USPS - BRONX	558 GRAND CONCOURSE	ENE 1/8 - 1/4 (0.191 mi.)	AB134	483
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON MANHOLE:	291 EXTERIOR ST	SSW 1/8 - 1/4 (0.138 mi.)	86	286
BP WEST COAST PRODUC	99 E 149TH ST	NNW 1/8 - 1/4 (0.144 mi.)	T95	346
CON EDISON	W 142ND ST & 5TH AVE	W 1/8 - 1/4 (0.231 mi.)	AH154	595
CON EDISON	W 142ND ST & 5TH AVE	W 1/8 - 1/4 (0.231 mi.)	AH155	596

State- and tribal - equivalent CERCLIS

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 05/17/2016 has revealed that there are 6

EXECUTIVE SUMMARY

NY SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FILM STORAGE WAREHOU Site Code: 57156	203-209 WEST 146TH S	NW 1/2 - 1 (0.614 mi.)	207	792
FORMER MELROSE AVENU Site Code: 57014 Class Code: Significant threat to the public health or environment - action required.	753 MELROSE AVENUE	ENE 1/2 - 1 (0.804 mi.)	210	794

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
2350 FIFTH AVENUE CO Site Code: 57691 Class Code: Site is properly closed - requires continued management.	2350 5TH AVE	WSW 1/4 - 1/2 (0.251 mi.)	AJ165	644
2568 PARK Site Code: 437190	2568 PARK AVENUE	SSE 1/4 - 1/2 (0.323 mi.)	173	705
RIDER AVENUE GAS STA Site Code: 437424	250 EAST 138TH STREE	SSE 1/4 - 1/2 (0.435 mi.)	AN188	765
VISTA 1 Site Code: 437428	2401 THIRD AVENUE	S 1/2 - 1 (0.632 mi.)	208	793

NY VAPOR REOPENED: "Vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying or adjacent buildings. The subsurface source can either be contaminated groundwater or contaminated soil which releases vapors into the pore spaces in the soil. Improvements in analytical techniques and knowledge gained from site investigations in New York and other states has led to an increased awareness of soil vapor as a medium of concern and of the potential for exposures from the soil vapor intrusion pathway. Based on this additional information, 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.

A review of the NY VAPOR REOPENED list, as provided by EDR, and dated 08/01/2015 has revealed that there is 1 NY VAPOR REOPENED site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
2350 FIFTH AVENUE CO Facility Status: Complete (Mitigate) Site Code: 231004	2350 5TH AVE	WSW 1/4 - 1/2 (0.251 mi.)	AJ165	644

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

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 04/06/2016 has revealed that there are 2 NY SWF/LF sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NEW YORK RECYCLING L	475 EXTERIOR STREET	NW 0 - 1/8 (0.041 mi.)	B14	66
CON ED - EXTERIOR ST	281 EXTERIOR ST	SSW 1/8 - 1/4 (0.175 mi.)	115	420

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

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

A review of the NY LTANKS list, as provided by EDR, and dated 05/17/2016 has revealed that there are 49 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHAIRMASTERS INC-200 Spill Number/Closed Date: 0801696 / 2010-09-13 Site ID: 397682 Program Number: 0801696	200 E 146TH ST	E 0 - 1/8 (0.040 mi.)	10	32
CLOSED-LACKOF RECENT Spill Number/Closed Date: 8800476 / 2003-03-04 Site ID: 327563 Program Number: 8800476	471 WALTON AVE	E 0 - 1/8 (0.080 mi.)	38	126
HOSTOS COMMUNITY COL Spill Number/Closed Date: 0409591 / 2006-03-14 Site ID: 334360 Program Number: 0409591	WALTON AVE EAST 144T	SE 0 - 1/8 (0.082 mi.)	G40	129
GERARDO WOODWORKING Spill Number/Closed Date: 1509044 / Not Reported Site ID: 517649 Program Number: 1509044	168 EAST 144TH STREE	ESE 1/8 - 1/4 (0.156 mi.)	99	357
HIPPODROME SVCS Spill Number/Closed Date: 9312938 / 1994-02-02 Site ID: 79679 Program Number: 9312938	310 WALTON AVE	S 1/8 - 1/4 (0.174 mi.)	W112	406
COMMERCIAL PROPERTY Spill Number/Closed Date: 0007591 / 2004-10-01 Site ID: 108555 Program Number: 0007591	557 GRAND CONCOURSE	NE 1/8 - 1/4 (0.185 mi.)	AB124	449
NYCDOS TANK TEST FAI Spill Number/Closed Date: 1204620 / 2012-09-18 Site ID: 467515 Program Number: 1204620	545 GERARD AVE / 125	NNE 1/8 - 1/4 (0.189 mi.)	AA128	473
NYC DEPT OF SANITATI Spill Number/Closed Date: 1203859 / 2012-09-26 Site ID: 466706 Program Number: 1203859	545 GERARD AVE	NNE 1/8 - 1/4 (0.189 mi.)	AA129	474
138 EAST 150TH STREE Spill Number/Closed Date: 9310947 / 1993-12-10 Site ID: 284811 Program Number: 9310947	138 EAST 150TH STREE	NE 1/8 - 1/4 (0.190 mi.)	AC130	475
GRAND CONCOUR/CARROL Spill Number/Closed Date: 9208519 / 2003-03-20 Site ID: 255100 Program Number: 9208519	118 GRAND CONCOURSE	S 1/4 - 1/2 (0.277 mi.)	AK167	693
CARMEL HAYS HIGH SCH	650 GRAND CONCORSE	NE 1/4 - 1/2 (0.288 mi.)	169	698

EXECUTIVE SUMMARY

Spill Number/Closed Date: 9801301 / 2003-03-03				
Site ID: 142990				
Program Number: 9801301				
USPS VEHICLE MAINT.	580 GERARD AVENUE	NNE 1/4 - 1/2 (0.376 mi.)	176	711
Spill Number/Closed Date: 9007668 / 2001-05-11				
Site ID: 231377				
Program Number: 9007668				
556 MORRIS AVE	556 MORRIS AVE	E 1/4 - 1/2 (0.393 mi.)	180	742
Spill Number/Closed Date: 9513120 / 1996-01-22				
Site ID: 287485				
Program Number: 9513120				
LINCOLN MEDICAL CENT	234 EAST 149TH ST	E 1/4 - 1/2 (0.419 mi.)	AM181	743
Spill Number/Closed Date: 9310375 / 1993-11-27				
Spill Number/Closed Date: 0313236 / 2006-01-06				
Spill Number/Closed Date: 1502628 / Not Reported				
Site ID: 235057				
Site ID: 211660				
Site ID: 508906				
Program Number: 9310375				
Program Number: 0313236				
Program Number: 1502628				
LINCOLN MEDICAL & HE	234 E.149TH ST	E 1/4 - 1/2 (0.419 mi.)	AM182	748
Spill Number/Closed Date: 1206812 / 2015-08-28				
Site ID: 469829				
Program Number: 1206812				
730 GRAND CONCOURSE	730 GRAND CONCOURSE	NE 1/4 - 1/2 (0.431 mi.)	186	762
Spill Number/Closed Date: 9414927 / 1995-02-24				
Site ID: 100890				
Program Number: 9414927				
APARTMENT	635 MORRIS AVE	ENE 1/4 - 1/2 (0.450 mi.)	191	770
Spill Number/Closed Date: 0800658 / 2008-06-12				
Site ID: 396446				
Program Number: 0800658				
APARTMENT	127 WEST 141 ST	W 1/4 - 1/2 (0.475 mi.)	195	777
Spill Number/Closed Date: 0508040 / 2006-08-08				
Site ID: 353559				
Program Number: 0508040				
711 WALTON AVENUE	711 WALTON AVENUE	NNE 1/4 - 1/2 (0.481 mi.)	197	779
Spill Number/Closed Date: 9412692 / 1994-12-22				
Site ID: 142744				
Program Number: 9412692				
P & R FIXTURES CORP	271 E 139TH ST	SSE 1/4 - 1/2 (0.481 mi.)	198	781
Spill Number/Closed Date: 9914720 / 2004-01-23				
Site ID: 102522				
Program Number: 9914720				
SURREY RESIDENCE	740 GRAND CONCOURSE	NE 1/4 - 1/2 (0.482 mi.)	199	782
Spill Number/Closed Date: 9400122 / 1998-03-17				
Site ID: 103839				
Program Number: 9400122				
560 LINCOLN AVENUE	560 LINCOLN AVENUE	E 1/4 - 1/2 (0.486 mi.)	201	784
Spill Number/Closed Date: 8801291 / 1992-11-19				

EXECUTIVE SUMMARY

Site ID: 241119				
Program Number: 8801291				
150-54 WEST 145TH ST	150-54 WEST 145TH ST	WNW 1/4 - 1/2 (0.488 mi.)	204	788
Spill Number/Closed Date: 9008914 / 1990-11-28				
Site ID: 263855				
Program Number: 9008914				
EXCAVATION	675 MORRIS AVE	ENE 1/4 - 1/2 (0.496 mi.)	205	789
Spill Number/Closed Date: 0505007 / 2006-10-11				
Site ID: 349947				
Program Number: 0505007				
Lower Elevation	Address	Direction / Distance	Map ID	Page
<hr/>				
101-165 W 146TH ST/B	1010165 WEST 146TH S	WNW 0 - 1/8 (0.027 mi.)	B8	30
Spill Number/Closed Date: 8902952 / 2000-12-27				
Site ID: 245732				
Program Number: 8902952				
MOBIL	99 EAST 149TH ST	NNW 1/8 - 1/4 (0.144 mi.)	T94	327
Spill Number/Closed Date: 8905353 / 2003-03-04				
Spill Number/Closed Date: 9909670 / 2008-11-13				
Site ID: 268761				
Site ID: 268763				
Program Number: 8905353				
Program Number: 9909670				
149TH STREET	149TH STREET	NW 1/8 - 1/4 (0.170 mi.)	X109	397
Spill Number/Closed Date: 9312229 / 1994-01-18				
Site ID: 303539				
Program Number: 9312229				
381 CANAL PLACE	381 CANAL PLACE	SE 1/4 - 1/2 (0.261 mi.)	166	684
Spill Number/Closed Date: 8709462 / 1995-03-21				
Spill Number/Closed Date: 9903367 / 2015-05-15				
Site ID: 145737				
Site ID: 145738				
Program Number: 8709462				
Program Number: 9903367				
GASETERIA	115 EAST 138TH STREE	S 1/4 - 1/2 (0.279 mi.)	AK168	694
Spill Number/Closed Date: 0207682 / 2013-08-06				
Site ID: 97236				
Program Number: 0207682				
RESIDENTIAL	2300 5TH AVE	WSW 1/4 - 1/2 (0.298 mi.)	170	699
Spill Number/Closed Date: 1408973 / 2015-02-20				
Site ID: 502569				
Program Number: 1408973				
EXXONMOBIL	70 MAJOR DEEGAN NORT	SSW 1/4 - 1/2 (0.319 mi.)	172	701
Spill Number/Closed Date: 8909669 / Not Reported				
Spill Number/Closed Date: 9103104 / 1993-08-02				
Site ID: 115391				
Site ID: 269967				
Program Number: 8909669				
Program Number: 9103104				
ATLANTIC FUELS INC/B	939 EAST 138TH STREE	SW 1/4 - 1/2 (0.342 mi.)	174	706
Spill Number/Closed Date: 8807543 / 1988-12-15				

EXECUTIVE SUMMARY

Spill Number/Closed Date: 8910126 / 1990-05-10				
Site ID: 292032				
Site ID: 292034				
Program Number: 8807543				
Program Number: 8910126				
APT. BLDG 15 W. 139T	APT. BLDG 15 W. 139T	WSW 1/4 - 1/2 (0.350 mi.)	175	710
Spill Number/Closed Date: 9311787 / 1994-01-04				
Site ID: 194911				
Program Number: 9311787				
NYC TRANSIT	146TH ST & LENOX	NW 1/4 - 1/2 (0.389 mi.)	AL177	714
Spill Number/Closed Date: 0009127 / 2002-07-10				
Site ID: 138340				
Program Number: 0009127				
CLARA HALE (146 STRE	721 LENOX AVENUE	NW 1/4 - 1/2 (0.391 mi.)	AL178	715
Spill Number/Closed Date: 1511105 / 2016-04-25				
Site ID: 522825				
Program Number: 1511105				
MOTHER CLARA HALE (1	721 LENOX AVE	NW 1/4 - 1/2 (0.391 mi.)	AL179	725
Spill Number/Closed Date: 0405011 / 2005-01-10				
Spill Number/Closed Date: 9106264 / 2000-12-27				
Spill Number/Closed Date: 9110782 / 2003-02-12				
Spill Number/Closed Date: 9213322 / 2003-02-10				
Spill Number/Closed Date: 8904241 / 2005-06-30				
<i>*Additional key fields are available in the Map Findings section</i>				
Site ID: 110346				
Site ID: 95163				
Site ID: 95164				
Site ID: 95165				
Site ID: 212329				
<i>*Additional key fields are available in the Map Findings section</i>				
Program Number: 0405011				
Program Number: 9106264				
Program Number: 9110782				
Program Number: 9213322				
Program Number: 8904241				
<i>*Additional key fields are available in the Map Findings section</i>				
242 EAST 138TH STREE	242 EAST 138TH STREE	SSE 1/4 - 1/2 (0.420 mi.)	AN183	755
Spill Number/Closed Date: 9101289 / 2007-02-02				
Site ID: 297794				
Program Number: 9101289				
138TH ST / RIDER AVE	138TH ST / RIDER AVE	SSE 1/4 - 1/2 (0.427 mi.)	AN184	760
Spill Number/Closed Date: 8607426 / 1987-03-07				
Site ID: 163341				
Program Number: 8607426				
SPILL NUMBER 9808791	75 CANAL ST	S 1/4 - 1/2 (0.431 mi.)	185	761
Spill Number/Closed Date: 9808791 / 1998-10-15				
Site ID: 163031				
Program Number: 9808791				
101-125 WEST 147TH S	101-125 WEST 147TH S	NW 1/4 - 1/2 (0.434 mi.)	187	764
Spill Number/Closed Date: 9308461 / 1994-05-16				
Site ID: 278382				
Program Number: 9308461				
SAVOY PARK APT	620 LENNOX AVE	W 1/4 - 1/2 (0.439 mi.)	AO189	766

EXECUTIVE SUMMARY

Spill Number/Closed Date: 1408982 / 2015-02-19				
Site ID: 502581				
Program Number: 1408982				
APT COMPLEX	101 W.140TH ST	W 1/4 - 1/2 (0.451 mi.)	AO192	771
Spill Number/Closed Date: 9814882 / 2003-11-19				
Spill Number/Closed Date: 9514579 / 1996-11-22				
Site ID: 318950				
Site ID: 283313				
Program Number: 9814882				
Program Number: 9514579				
120-128 WEST 145TH S	120-128 WEST 145TH S	WNW 1/4 - 1/2 (0.457 mi.)	AP193	774
Spill Number/Closed Date: 9210186 / 1994-07-22				
Site ID: 220577				
Program Number: 9210186				
120-128 W.145TH ST	120-128 W.145TH ST	WNW 1/4 - 1/2 (0.457 mi.)	AP194	775
Spill Number/Closed Date: 8606425 / 1987-08-21				
Site ID: 181462				
Program Number: 8606425				
RIVERTON APARTMENTS	2225-2237 5TH AVE	SW 1/4 - 1/2 (0.479 mi.)	196	778
Spill Number/Closed Date: 0313699 / 2006-06-19				
Site ID: 260631				
Program Number: 0313699				
BRONX TERMINAL MARKE	UNDER DEEGAN EXP	N 1/4 - 1/2 (0.483 mi.)	200	783
Spill Number/Closed Date: 0705989 / 2007-08-27				
Site ID: 386416				
Program Number: 0705989				
120 W 140TH ST	120 W 140TH ST	W 1/4 - 1/2 (0.487 mi.)	202	785
Spill Number/Closed Date: 0600278 / 2006-04-10				
Site ID: 362249				
Program Number: 0600278				
PRIVATE DWELLING	106 WEST 139TH ST	W 1/4 - 1/2 (0.488 mi.)	203	786
Spill Number/Closed Date: 0100156 / 2005-11-10				
Site ID: 218432				
Program Number: 0100156				
SPILL NUMBER 0209798	160 WEST 146TH ST	NW 1/4 - 1/2 (0.499 mi.)	206	790
Spill Number/Closed Date: 0209798 / 2004-01-22				
Site ID: 150849				
Program Number: 0209798				

State and tribal registered storage tank lists

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

A review of the NY UST list, as provided by EDR, has revealed that there are 22 NY UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHAIRMASTERS INC-200	200 E 146TH ST	E 0 - 1/8 (0.040 mi.)	10	32
Database: UST, Date of Government Version: 03/29/2016				

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOSTOS COMMUNITY COL Database: UST, Date of Government Version: 03/29/2016	427 WALTON AVENUE	ESE 0 - 1/8 (0.066 mi.)	F26	87
U-HAUL CO OF METRO N Database: UST, Date of Government Version: 03/29/2016	368 WALTON AVENUE	SSE 0 - 1/8 (0.115 mi.)	L58	157
HOSTOS COMMUNITY COL Database: UST, Date of Government Version: 03/29/2016	475 GRAND CONCOURSE	ENE 0 - 1/8 (0.124 mi.)	Q74	201
HOSTOS COMMUNITY COL Database: UST, Date of Government Version: 03/29/2016	500 GRAND CONCOURSE	ENE 1/8 - 1/4 (0.144 mi.)	S89	298
MERIT GRAND CONCOURS Database: UST, Date of Government Version: 03/29/2016	370 GRAND CONCOURSE	SSE 1/8 - 1/4 (0.160 mi.)	V102	368
310 WALTON AVENUE Database: UST, Date of Government Version: 03/29/2016	310 WALTON AVENUE	S 1/8 - 1/4 (0.174 mi.)	W113	408
GRAND CONCOURSE PETR Database: UST, Date of Government Version: 03/29/2016	350 GRAND CONCOURSE	SSE 1/8 - 1/4 (0.181 mi.)	Y119	435
JOSE PEREZ Database: UST, Date of Government Version: 03/29/2016	557 GRAND CONCOURSE	NE 1/8 - 1/4 (0.185 mi.)	AB126	457
BRONX PROCESSING & D Database: UST, Date of Government Version: 03/29/2016	558-582 GRAND CONCOU	ENE 1/8 - 1/4 (0.191 mi.)	AB132	478
BOULEVARD CAR WASH O Database: UST, Date of Government Version: 03/29/2016	315 GRAND CONCOURSE	SSE 1/8 - 1/4 (0.196 mi.)	AD138	517
580 GERARD AVENUE Database: UST, Date of Government Version: 03/29/2016	580 GERARD AVENUE	NNE 1/8 - 1/4 (0.234 mi.)	AI156	597
Lower Elevation	Address	Direction / Distance	Map ID	Page
BRONX COUNTY RECYCLI Database: UST, Date of Government Version: 03/29/2016	475 EXTERIOR STREET	NW 0 - 1/8 (0.041 mi.)	B16	70
MONTAUK STUDENT TRAN Database: UST, Date of Government Version: 03/29/2016	399 EXTERIOR STREET	SSW 0 - 1/8 (0.093 mi.)	H46	137
DSNY M DISTRICT 9 GA Database: UST, Date of Government Version: 03/29/2016	125 EAST 149TH STREE	NNE 0 - 1/8 (0.124 mi.)	N80	246
350 GERARD CORPORATI Database: UST, Date of Government Version: 03/29/2016	350 GERARD AVENUE	S 1/8 - 1/4 (0.128 mi.)	R83	261
MOBIL S/S 17-KRQ BRO Database: UST, Date of Government Version: 03/29/2016	99 EAST 149TH STREET	NNW 1/8 - 1/4 (0.144 mi.)	T92	314
BP#13990 Database: UST, Date of Government Version: 03/29/2016	99-113 149TH STREET	NNW 1/8 - 1/4 (0.144 mi.)	T93	320
BRONX HOUSE OF DETEN Database: UST, Date of Government Version: 03/29/2016	653 RIVER AVENUE	N 1/8 - 1/4 (0.177 mi.)	Z117	427
BRONX TERMINAL MARKE Database: UST, Date of Government Version: 03/29/2016	EXTERIOR STREET & EA	N 1/8 - 1/4 (0.209 mi.)	AE144	536
255 EXTERIOR STREET, Database: UST, Date of Government Version: 03/29/2016	255 EXTERIOR STREET	SSW 1/8 - 1/4 (0.216 mi.)	148	548
NYS ARMORY Database: UST, Date of Government Version: 03/29/2016	5TH AVE	W 1/8 - 1/4 (0.223 mi.)	AG150	556

EXECUTIVE SUMMARY

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

A review of the NY AST list, as provided by EDR, has revealed that there are 24 NY AST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
A.C. AUTO WRECKING C Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-605476	475 GERARD AVENUE	NNE 0 - 1/8 (0.046 mi.)	D19	74
ROCKET JEWELRY BOX I Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-207209	125 EAST 144TH STREE	SSE 0 - 1/8 (0.049 mi.)	C20	76
PANORAMIC INDUSTRIES Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-209775	120 E 144TH ST	SSE 0 - 1/8 (0.057 mi.)	C23	81
COATS NORTH AMERICA Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-601909	135 EAST 144TH STREE	SE 0 - 1/8 (0.070 mi.)	G28	90
PUBLIC SCHOOL 31 - B Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-351555	425 GRAND CONCOURSE	ESE 0 - 1/8 (0.108 mi.)	J53	150
HOSTOS COMMUNITY COL Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-082856	475 GRAND CONCOURSE	ENE 0 - 1/8 (0.124 mi.)	Q74	201
424-430 GRAND CONCOU Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-472492	424-430 GRAND CONCOU	ESE 0 - 1/8 (0.124 mi.)	J75	232
A J GRIFFEN CORP Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-304204	424 GRAND CONCOURSE	ESE 0 - 1/8 (0.124 mi.)	J76	235
GRAND CONCOURSE U-HA Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-612143	350 WALTON AVENUE	SSE 1/8 - 1/4 (0.131 mi.)	L85	283
388-390 GRAND CONCOU Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-601186	388-390 GRAND CONCOU	SE 1/8 - 1/4 (0.144 mi.)	P87	288
HOSTOS COMMUNITY COL Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-452319	500 GRAND CONCOURSE	ENE 1/8 - 1/4 (0.144 mi.)	S90	303
EAGLE AUTO REPAIR CO Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-607912	341 GRAND CONCOURSE	SSE 1/8 - 1/4 (0.174 mi.)	Y110	398
BEN-GOMO REALTY, INC Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-603762	301 WALTON AVENUE	S 1/8 - 1/4 (0.178 mi.)	W118	433
287 WALTON AVE. Database: AST, Date of Government Version: 03/29/2016 Facility Id: 2-605583	287 WALTON AVENUE	S 1/8 - 1/4 (0.187 mi.)	W127	471
BRONX PROCESSING & D Database: AST, Date of Government Version: 03/29/2016	558-582 GRAND CONCOU	ENE 1/8 - 1/4 (0.191 mi.)	AB133	481

EXECUTIVE SUMMARY

Facility Id: 2-476196				
PEGUERO BROTHERS REP	338 GRAND CONCOURSE	SSE 1/8 - 1/4 (0.194 mi.)	Y136	512
Database: AST, Date of Government Version: 03/29/2016				
Facility Id: 2-610573				
BOULEVARD CAR WASH O	315 GRAND CONCOURSE	SSE 1/8 - 1/4 (0.196 mi.)	AD139	523
Database: AST, Date of Government Version: 03/29/2016				
Facility Id: 2-402877				
ENGINE COMPANY 41	150 E. 150TH STREET	NE 1/8 - 1/4 (0.198 mi.)	AC140	528
Database: AST, Date of Government Version: 03/29/2016				
Facility Id: 2-604541				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BRONX COUNTY RECYCLI	475 EXTERIOR STREET	NW 0 - 1/8 (0.041 mi.)	B13	62
Database: AST, Date of Government Version: 03/29/2016				
Facility Id: 2-479977				
385 GERARD AVE	385 GERARD AVENUE	S 0 - 1/8 (0.073 mi.)	E32	98
Database: AST, Date of Government Version: 03/29/2016				
Facility Id: 2-400319				
MONTAUK STUDENT TRAN	399 EXTERIOR STREET	SSW 0 - 1/8 (0.093 mi.)	H48	140
Database: AST, Date of Government Version: 03/29/2016				
Facility Id: 2-508675				
585 GERARD AVENUE CO	585 GERARD AVENUE	NNE 1/8 - 1/4 (0.167 mi.)	106	393
Database: AST, Date of Government Version: 03/29/2016				
Facility Id: 2-070394				
AMERICAN SELF STORAG	586 RIVER AVENUE / 5	N 1/8 - 1/4 (0.191 mi.)	Z135	510
Database: AST, Date of Government Version: 03/29/2016				
Facility Id: 2-609485				
NYS ARMORY	5TH AVE	W 1/8 - 1/4 (0.223 mi.)	AG150	556
Database: AST, Date of Government Version: 03/29/2016				
Facility Id: 2-392065				

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

A review of the NY TANKS list, as provided by EDR, has revealed that there are 2 NY TANKS sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PAY TV OF GREATER NY	140 E 146TH ST	NNE 0 - 1/8 (0.012 mi.)	A3	25
Database: TANKS, Date of Government Version: 03/29/2016				
Facility Id: 2-333484				
Site Status: Inactive				
GAINES LEASING CORP	325 EXTERIA ST	SSW 0 - 1/8 (0.115 mi.)	M60	163
Database: TANKS, Date of Government Version: 03/29/2016				
Facility Id: 2-602947				
Site Status: Active				

EXECUTIVE SUMMARY

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 05/17/2016 has revealed that there is 1 NY ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
2350 FIFTH AVENUE CO Site Code: 57691	2350 5TH AVE	WSW 1/4 - 1/2 (0.251 mi.)	AJ165	644

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 05/17/2016 has revealed that there is 1 NY INST CONTROL site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
2350 FIFTH AVENUE CO Site Code: 57691	2350 5TH AVE	WSW 1/4 - 1/2 (0.251 mi.)	AJ165	644

State and tribal voluntary cleanup sites

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

A review of the NY VCP list, as provided by EDR, and dated 05/17/2016 has revealed that there is 1 NY VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
2350 FIFTH AVENUE Site Code: 57692	2350 FIFTH AVENUE	WSW 1/4 - 1/2 (0.251 mi.)	AJ164	643

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 05/17/2016 has revealed that there is 1 NY BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER G & C SERVICE Site Code: 444720	255 EAST 138TH STREE	SSE 1/4 - 1/2 (0.444 mi.)	190	768

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 04/06/2016 has revealed that there is 1 NY SWRCY site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ECOLOGY RECYCLING PL	321 CANAL PLACE	SSE 1/4 - 1/2 (0.299 mi.)	171	700

Local Lists of Registered Storage Tanks

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

A review of the NY HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 9 NY HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHAIRMASTERS INC-200 Facility Status: 1 PBS Number: 2-085464 Tank Status: 1	200 E 146TH ST	E 0 - 1/8 (0.040 mi.)	10	32
U-HAUL CO OF METRO N Facility Status: 2 PBS Number: 2-084042 Tank Status: 4	368 WALTON AVENUE	SSE 0 - 1/8 (0.115 mi.)	L58	157
310 WALTON AVENUE Facility Status: 1 PBS Number: 2-605572 Tank Status: 1	310 WALTON AVENUE	S 1/8 - 1/4 (0.174 mi.)	W113	408
BRONX GENERAL POST O Facility Status: 1 PBS Number: 2-476196 Tank Status: 4	558-582 GRAND CONCOU	ENE 1/8 - 1/4 (0.191 mi.)	AB131	476
580 GERARD AVENUE Facility Status: 1 PBS Number: 2-476021 Tank Status: 3	580 GERARD AVENUE	NNE 1/8 - 1/4 (0.234 mi.)	AI158	623
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PAY TV OF GREATER NY Facility Status: 1 PBS Number: 2-333484 Tank Status: 1	140 E 146TH ST	NNE 0 - 1/8 (0.012 mi.)	A3	25
GAINES LEASING CORP	325 EXTERIA ST	SSW 0 - 1/8 (0.115 mi.)	M60	163

EXECUTIVE SUMMARY

Spill Number/Closed Date: 1011979 / 2011-03-04

spillno: 1011979

Site ID: 445881

475 GRAND CONCOURSE	475 GRAND CONCOURSE	ENE 0 - 1/8 (0.124 mi.)	Q73	200
Spill Number/Closed Date: 8700839 / 1987-04-29				
spillno: 8700839				
Site ID: 71254				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NEW YORK RECYCLING L	475 EXTERIOR STREET	NW 0 - 1/8 (0.041 mi.)	B14	66
Spill Number/Closed Date: 9611101 / 1997-01-10				
spillno: 9611101				
Site ID: 245003				
NORTHBODD SERVICE RD	EXIT 4 MAJOR DEAGAN	NW 0 - 1/8 (0.045 mi.)	B17	72
Spill Number/Closed Date: 0610701 / 2007-07-25				
spillno: 0610701				
Site ID: 375192				
VS 2773	385 GERARD AVENUE	S 0 - 1/8 (0.073 mi.)	E30	94
Spill Number/Closed Date: 0604618 / 2007-03-19				
Spill Number/Closed Date: 0205576 / 2004-01-14				
spillno: 0205576				
spillno: 0604618				
Site ID: 288208				
Site ID: 367628				
EXTERIOR ST &	MAJOR DEEGAN EXPRESS	SSW 0 - 1/8 (0.085 mi.)	H41	130
Spill Number/Closed Date: 0008417 / 2000-11-02				
spillno: 0008417				
Site ID: 137498				
ATLANTIC EXPRESS - E	399 EXTERIOR ST	SSW 0 - 1/8 (0.093 mi.)	H45	134
Spill Number/Closed Date: 0503991 / 2005-07-06				
spillno: 0503991				
Site ID: 348703				
PHASE 2	110 EAST 149TH STREE	N 0 - 1/8 (0.109 mi.)	K55	155
Spill Number/Closed Date: 1407530 / Not Reported				
spillno: 1407530				
Site ID: 501049				
LOT 38, TAXBLOCK 2349	325 EXTERIOR STREET	SSW 0 - 1/8 (0.115 mi.)	M62	168
Spill Number/Closed Date: 0512042 / 2007-02-21				
spillno: 0512042				
Site ID: 358298				
MANHOLE #4506	149TH & GERARD AVE	NNE 0 - 1/8 (0.118 mi.)	N65	190
Spill Number/Closed Date: 0503997 / 2006-01-09				
spillno: 0503997				
Site ID: 348709				
MANHOLE#4510	EAST 149 ST/GERARD A	NNE 0 - 1/8 (0.118 mi.)	N66	191
Spill Number/Closed Date: 0406667 / 2004-09-21				
spillno: 0406667				
Site ID: 161800				
MANHATTAN WEST 09 DO	125 EAST 149TH STREE	NNE 0 - 1/8 (0.124 mi.)	N77	239
Spill Number/Closed Date: 9910856 / 2008-09-12				

EXECUTIVE SUMMARY

spillno: 9910856
Site ID: 98783

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/09/2015 has revealed that there are 34 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CHAIRMASTERS INC-200</i>	<i>200 E 146TH ST</i>	<i>E 0 - 1/8 (0.040 mi.)</i>	<i>10</i>	<i>32</i>
<i>CON EDISON SERVICE B</i>	<i>450 GRAND CONCOURSE</i>	<i>ESE 0 - 1/8 (0.122 mi.)</i>	<i>O69</i>	<i>194</i>
<i>U-HAUL</i>	<i>350 WALTON AVE</i>	<i>SSE 1/8 - 1/4 (0.131 mi.)</i>	<i>L84</i>	<i>265</i>
<i>HOSTOS COMMUNITY COL</i>	<i>500 GRAND CONCOURSE</i>	<i>ENE 1/8 - 1/4 (0.144 mi.)</i>	<i>S88</i>	<i>291</i>
<i>CON EDISON</i>	<i>E 140TH ST & WALTON</i>	<i>S 1/8 - 1/4 (0.166 mi.)</i>	<i>W104</i>	<i>390</i>
<i>CON EDISON TRANSFORM</i>	<i>WALTON AVE & E 140TH</i>	<i>S 1/8 - 1/4 (0.166 mi.)</i>	<i>W105</i>	<i>391</i>
<i>B & M LINEN CORP</i>	<i>310 WALTON AVE</i>	<i>S 1/8 - 1/4 (0.174 mi.)</i>	<i>W111</i>	<i>401</i>
<i>A C A AMOCO #594</i>	<i>350 GRAND CONCOURSE</i>	<i>SSE 1/8 - 1/4 (0.181 mi.)</i>	<i>Y120</i>	<i>441</i>
<i>CON EDISON</i>	<i>GERARD AVE & E 150TH</i>	<i>NNE 1/8 - 1/4 (0.183 mi.)</i>	<i>AA122</i>	<i>444</i>
<i>557 GRAND CONCOURSE</i>	<i>557 GRAND CONCOURSE</i>	<i>NE 1/8 - 1/4 (0.185 mi.)</i>	<i>AB123</i>	<i>447</i>
<i>AMOCO-PEREZ 13305</i>	<i>557 GRAND CONCOURSE</i>	<i>NE 1/8 - 1/4 (0.185 mi.)</i>	<i>AB125</i>	<i>452</i>
<i>GRAND OPERATING CORP</i>	<i>315 GRAND CONCOURSE</i>	<i>SSE 1/8 - 1/4 (0.196 mi.)</i>	<i>AD137</i>	<i>514</i>
<i>US POSTAL SERVICE -</i>	<i>580 GERARD AVE</i>	<i>NNE 1/8 - 1/4 (0.234 mi.)</i>	<i>AI157</i>	<i>621</i>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>COPAKE VALLEY FARM L</i>	<i>475 EXTERIOR ST</i>	<i>NW 0 - 1/8 (0.041 mi.)</i>	<i>B12</i>	<i>61</i>
<i>PPG INDUSTRIES INC L</i>	<i>441 EXTERIOR ST</i>	<i>WNW 0 - 1/8 (0.054 mi.)</i>	<i>21</i>	<i>78</i>
<i>BARKLEY BUILDING</i>	<i>385 GERARD AVE - 5TH</i>	<i>S 0 - 1/8 (0.072 mi.)</i>	<i>E29</i>	<i>92</i>
<i>S & S INDUSTRIES INC</i>	<i>385 GERARD AVE</i>	<i>S 0 - 1/8 (0.073 mi.)</i>	<i>E33</i>	<i>100</i>
<i>SPORT SCREEN INC</i>	<i>385 GERARD AVE 2ND F</i>	<i>S 0 - 1/8 (0.073 mi.)</i>	<i>E34</i>	<i>102</i>
<i>NORTHEAST LAMP RECYC</i>	<i>385 GERARD AVE - MAI</i>	<i>S 0 - 1/8 (0.073 mi.)</i>	<i>E35</i>	<i>104</i>
<i>S & S INDUSTRIES INC</i>	<i>385 GERARD AVE</i>	<i>S 0 - 1/8 (0.073 mi.)</i>	<i>E36</i>	<i>105</i>
<i>GAINES LEASING CORP</i>	<i>325 EXTERIA ST</i>	<i>SSW 0 - 1/8 (0.115 mi.)</i>	<i>M60</i>	<i>163</i>
<i>LUIGI RENALDO AUTO C</i>	<i>325 EXTERIOR ST</i>	<i>SSW 0 - 1/8 (0.115 mi.)</i>	<i>M63</i>	<i>170</i>
<i>CON EDISON MANHOLE 4</i>	<i>E 149TH ST & GERARD</i>	<i>NNE 0 - 1/8 (0.117 mi.)</i>	<i>N64</i>	<i>187</i>
<i>NYC SANITATION</i>	<i>125 E 149TH ST</i>	<i>NNE 0 - 1/8 (0.124 mi.)</i>	<i>N78</i>	<i>241</i>
<i>WEDTECH CORP</i>	<i>350 GERARD AVE</i>	<i>S 1/8 - 1/4 (0.128 mi.)</i>	<i>R82</i>	<i>257</i>
<i>CON EDISON SERVICE B</i>	<i>91 E 149TH ST FRONT</i>	<i>NNW 1/8 - 1/4 (0.147 mi.)</i>	<i>T97</i>	<i>352</i>
<i>CON EDISON MANHOLE 4</i>	<i>GERARD AVE & E 140TH</i>	<i>S 1/8 - 1/4 (0.155 mi.)</i>	<i>98</i>	<i>353</i>
<i>CON EDISON SERVICE B</i>	<i>37 E 149TH ST FRONT</i>	<i>NNW 1/8 - 1/4 (0.169 mi.)</i>	<i>X108</i>	<i>396</i>
<i>CON ED - EXTERIOR ST</i>	<i>281 EXTERIOR ST</i>	<i>SSW 1/8 - 1/4 (0.175 mi.)</i>	<i>115</i>	<i>420</i>
<i>NYCDC - BRONX DETENT</i>	<i>653 RIVER AVE</i>	<i>N 1/8 - 1/4 (0.177 mi.)</i>	<i>Z116</i>	<i>424</i>
<i>CON EDISON SERVICE B</i>	<i>E 144TH ST & PARK AV</i>	<i>ESE 1/8 - 1/4 (0.204 mi.)</i>	<i>141</i>	<i>531</i>
<i>CON EDISON</i>	<i>E 150 ST & EXTERIOR</i>	<i>N 1/8 - 1/4 (0.209 mi.)</i>	<i>AE143</i>	<i>535</i>
<i>CON EDISON SERVICE B</i>	<i>PARK AVE & E 146TH S</i>	<i>ESE 1/8 - 1/4 (0.210 mi.)</i>	<i>AF145</i>	<i>543</i>
<i>NYSDOT - CONTRACT D2</i>	<i>ADJACENT TO 725 EXTE</i>	<i>N 1/8 - 1/4 (0.223 mi.)</i>	<i>AE153</i>	<i>593</i>

EXECUTIVE SUMMARY

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

A review of the NY E DESIGNATION list, as provided by EDR, and dated 03/14/2016 has revealed that there are 18 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 5,TAXBLOCK 2350	444 GERARD AVENUE	ESE 0 - 1/8 (0.019 mi.)	A5	28
LOT 20,TAXBLOCK 2351	417 GERARD AVENUE	SSE 0 - 1/8 (0.020 mi.)	A6	28
LOT 1,TAXBLOCK 2350	121 EAST 144 STREET	SE 0 - 1/8 (0.040 mi.)	C11	60
LOT 112,TAXBLOCK 234	120 EAST 144 STREET	SSE 0 - 1/8 (0.057 mi.)	C22	80
LOT 16,TAXBLOCK 2350	135 EAST 144 STREET	SE 0 - 1/8 (0.063 mi.)	C24	83
LOT 11,TAXBLOCK 2350	427 WALTON AVENUE	ESE 0 - 1/8 (0.066 mi.)	F27	90
LOT 34,TAXBLOCK 2350	500 GERARD AVENUE	NNE 0 - 1/8 (0.074 mi.)	37	125
LOT 63,TAXBLOCK 2350	479 WALTON AVENUE	ENE 0 - 1/8 (0.095 mi.)	I49	146
LOT 26,TAXBLOCK 2345	395 GRAND CONCOURSE	SE 0 - 1/8 (0.123 mi.)	P72	199
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LOT 3,TAXBLOCK 2351	440 MAJ WM DEEGAN BL	W 0 - 1/8 (0.019 mi.)	A4	27
LOT 1,TAXBLOCK 2351	404 MAJ WM DEEGAN BL	WSW 0 - 1/8 (0.028 mi.)	9	31
LOT 90,TAXBLOCK 2349	385 GERARD AVENUE	S 0 - 1/8 (0.073 mi.)	E31	97
LOT 110,TAXBLOCK 234	370 GERARD AVENUE	S 0 - 1/8 (0.087 mi.)	E43	133
LOT 100,TAXBLOCK 234	399 EXTERIOR STREET	SSW 0 - 1/8 (0.093 mi.)	H47	140
LOT 46,TAXBLOCK 2349	355 EXTERIOR STREET	SSW 0 - 1/8 (0.108 mi.)	H51	148
LOT 25,TAXBLOCK 2351	110 EAST 149 STREET	NNE 0 - 1/8 (0.110 mi.)	K56	156
LOT 35,TAXBLOCK 2351	100 EAST 149 STREET	N 0 - 1/8 (0.112 mi.)	K57	157
LOT 38,TAXBLOCK 2349	325 EXTERIOR STREET	SSW 0 - 1/8 (0.115 mi.)	M62	168

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

A review of the NY MANIFEST list, as provided by EDR, and dated 05/01/2016 has revealed that there are 45 NY MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHAIRMASTERS INC-200 EPA ID: NYD986897148	200 E 146TH ST	E 0 - 1/8 (0.040 mi.)	10	32
CON EDISON EPA ID: NYP004713277	385 GERARD AVE	S 0 - 1/8 (0.066 mi.)	E25	84
CON EDISON SERVICE B EPA ID: NYP004474821	450 GRAND CONCOURSE	ESE 0 - 1/8 (0.122 mi.)	O69	194
CON EDISON EPA ID: NYP004607511	450 GRAND CONCOURSE	ESE 0 - 1/8 (0.122 mi.)	O70	196
HOSTOS COMMUNITY COL EPA ID: NYD987036100	475 GRAND CONCOURSE	ENE 0 - 1/8 (0.124 mi.)	Q74	201
U-HAUL EPA ID: NY0000079277	350 WALTON AVE	SSE 1/8 - 1/4 (0.131 mi.)	L84	265
HOSTOS COMMUNITY COL EPA ID: NYR000179218	500 GRAND CONCOURSE	ENE 1/8 - 1/4 (0.144 mi.)	S88	291
HOSTOS COMMUNITY COL	427 WALTON AVE	ENE 1/8 - 1/4 (0.144 mi.)	S91	307

EXECUTIVE SUMMARY

EPA Id: NYR000137091				
MTA NYCT - 149TH ST	E 149TH ST & GRAND C	ENE 1/8 - 1/4 (0.160 mi.)	U100	358
EPA ID: NYR000126490				
CON EDISON	E 149TH ST & GRAND C	ENE 1/8 - 1/4 (0.160 mi.)	U101	366
EPA ID: NYP004161121				
MERIT GRAND CONCOURS	370 GRAND CONCOURSE	SSE 1/8 - 1/4 (0.160 mi.)	V103	379
EPA Id: NYD982185928				
B & M LINEN CORP	310 WALTON AVE	S 1/8 - 1/4 (0.174 mi.)	W111	401
EPA ID: NY0000002733				
HIPPODROME SVCS	310 WALTON AVE	S 1/8 - 1/4 (0.174 mi.)	W112	406
EPA ID: NYD000002733				
CON EDISON	GERARD AVE & E 150 S	NNE 1/8 - 1/4 (0.183 mi.)	AA121	443
EPA ID: NYP004648499				
CON EDISON	GERARD AVE & E 150TH	NNE 1/8 - 1/4 (0.183 mi.)	AA122	444
EPA Id: NYP004212635				
AMOCO-PEREZ 13305	557 GRAND CONCOURSE	NE 1/8 - 1/4 (0.185 mi.)	AB125	452
EPA ID: NY0001492875				
USPS - BRONX	558 GRAND CONCOURSE	ENE 1/8 - 1/4 (0.191 mi.)	AB134	483
Generator EPA Id: NY8180000137				
CON EDISON	161 E 150 ST F/O	NE 1/8 - 1/4 (0.208 mi.)	142	533
EPA ID: NYP004657730				
CON EDISON	624 WALTON AVE	NNE 1/8 - 1/4 (0.248 mi.)	163	640
EPA ID: NYP004779658				
Lower Elevation	Address	Direction / Distance	Map ID	Page
S & S INDUSTRIES INC	385 GERARD AVE	S 0 - 1/8 (0.073 mi.)	E36	105
EPA ID: NYD052801990				
CONSOLIDATED EDISON	355 EXTERIOR ST OPEX	SSW 0 - 1/8 (0.108 mi.)	H52	148
EPA ID: NYP004125738				
LUIGI RENALDO AUTO C	325 EXTERIOR ST	SSW 0 - 1/8 (0.115 mi.)	M63	170
EPA ID: NYD161125372				
CON EDISON MANHOLE 4	E 149TH ST & GERARD	NNE 0 - 1/8 (0.117 mi.)	N64	187
EPA Id: NYP004221099				
MANHATTAN WEST 9	125 E 149TH ST	NNE 0 - 1/8 (0.124 mi.)	N79	245
EPA ID: NYP000858126				
CON EDISON	351 RIVER AVE	SSW 1/8 - 1/4 (0.127 mi.)	R81	256
EPA ID: NYP004582789				
WEDTECH CORP	350 GERARD AVE	S 1/8 - 1/4 (0.128 mi.)	R82	257
EPA ID: NYD982273757				
CON EDISON MANHOLE:	291 EXTERIOR ST	SSW 1/8 - 1/4 (0.138 mi.)	86	286
EPA ID: NYP004282141				
BP WEST COAST PRODUC	99 E 149TH ST	NNW 1/8 - 1/4 (0.144 mi.)	T95	346
EPA Id: NYD986987899				
CON EDISON	91 E 149TH ST FRONT	NNW 1/8 - 1/4 (0.147 mi.)	T96	351
EPA ID: NYP004546511				
CON EDISON MANHOLE 4	GERARD AVE & E 140TH	S 1/8 - 1/4 (0.155 mi.)	98	353

EXECUTIVE SUMMARY

EPA Id: NYP004245635				
CON EDISON EPA ID: NYP004546479	37 E 149TH ST FRONT	NNW 1/8 - 1/4 (0.169 mi.)	X107	395
NYCDOT/145 STREET BR EPA Id: NYD987039534	145TH ST BRG OVER HA	NW 1/8 - 1/4 (0.175 mi.)	114	412
CON ED - EXTERIOR ST EPA ID: NYR000114579	281 EXTERIOR ST	SSW 1/8 - 1/4 (0.175 mi.)	115	420
NYCDC - BRONX DETENT EPA ID: NYD981487747	653 RIVER AVE	N 1/8 - 1/4 (0.177 mi.)	Z116	424
CON EDISON SERVICE B EPA ID: NYP004462289	E 144TH ST & PARK AV	ESE 1/8 - 1/4 (0.204 mi.)	141	531
CON EDISON EPA ID: NYP004146965	E 150 ST & EXTERIOR	N 1/8 - 1/4 (0.209 mi.)	AE143	535
CON EDISON EPA ID: NYP004558581	PARK AVE & E 146TH S	ESE 1/8 - 1/4 (0.210 mi.)	AF146	544
PROW BUILDING EPA ID: NYR000165407	560 EXTERIOR ST	N 1/8 - 1/4 (0.215 mi.)	AE147	546
NYS ARMORY EPA ID: NY0000452995	5TH AVE	W 1/8 - 1/4 (0.223 mi.)	AG150	556
NEW YORK STATE ARMOR EPA ID: NYR000207282	2366 5TH AVE	W 1/8 - 1/4 (0.223 mi.)	AG151	589
NYCDEP EPA ID: NYP010000057	141 & PARK AVE	SE 1/8 - 1/4 (0.223 mi.)	152	592
NYSDOT BIN 1077020 EPA Id: NYR000123935	W 142ND ST PEDESTRIA	W 1/8 - 1/4 (0.236 mi.)	AH159	628
CON EDISON EPA ID: NYP004739249	2 W 142 ST	W 1/8 - 1/4 (0.236 mi.)	AH160	633
CONSOLIDATED EDISON EPA ID: NYP004253845	17 WEST 143 STREET	W 1/8 - 1/4 (0.247 mi.)	161	636
CON EDISON EPA ID: NYP004818862	2824 PARK AVE	E 1/8 - 1/4 (0.248 mi.)	162	637

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 12/31/2014 has revealed that there is 1 PA MANIFEST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
USPS - BRONX Generator EPA Id: NY8180000137	558 GRAND CONCOURSE	ENE 1/8 - 1/4 (0.191 mi.)	AB134	483

EXECUTIVE SUMMARY

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2013 has revealed that there are 11 NJ MANIFEST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOSTOS COMMUNITY COL EPA ID: NYD987036100	475 GRAND CONCOURSE	ENE 0 - 1/8 (0.124 mi.)	Q74	201
HOSTOS COMMUNITY COL EPA Id: NYR000137091	427 WALTON AVE	ENE 1/8 - 1/4 (0.144 mi.)	S91	307
MERIT GRAND CONCOURS EPA Id: NYD982185928	370 GRAND CONCOURSE	SSE 1/8 - 1/4 (0.160 mi.)	V103	379
CON EDISON TRANSFORM EPA Id: NYP004215638	WALTON AVE & E 140TH	S 1/8 - 1/4 (0.166 mi.)	W105	391
CON EDISON EPA Id: NYP004212635	GERARD AVE & E 150TH	NNE 1/8 - 1/4 (0.183 mi.)	AA122	444
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON MANHOLE 4 EPA Id: NYP004221099	E 149TH ST & GERARD	NNE 0 - 1/8 (0.117 mi.)	N64	187
BP WEST COAST PRODUC EPA Id: NYD986987899	99 E 149TH ST	NNW 1/8 - 1/4 (0.144 mi.)	T95	346
CON EDISON MANHOLE 4 EPA Id: NYP004245635	GERARD AVE & E 140TH	S 1/8 - 1/4 (0.155 mi.)	98	353
NYCDOT/145 STREET BR EPA Id: NYD987039534	145TH ST BRG OVER HA	NW 1/8 - 1/4 (0.175 mi.)	114	412
NYS ARMORY EPA ID: NY0000452995	5TH AVE	W 1/8 - 1/4 (0.223 mi.)	AG150	556
NYSDOT BIN 1077020 EPA Id: NYR000123935	W 142ND ST PEDESTRIA	W 1/8 - 1/4 (0.236 mi.)	AH159	628

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CON EDISON - WEST 13	12TH AVE. BETWEEN W.	WSW 1/2 - 1 (0.736 mi.)	209	794

EDR Hist Auto: 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.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 6 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	475 GERARD AVE	NNE 0 - 1/8 (0.046 mi.)	D18	73
Not reported	444 GRAND CONCOURSE	ESE 0 - 1/8 (0.122 mi.)	O68	193

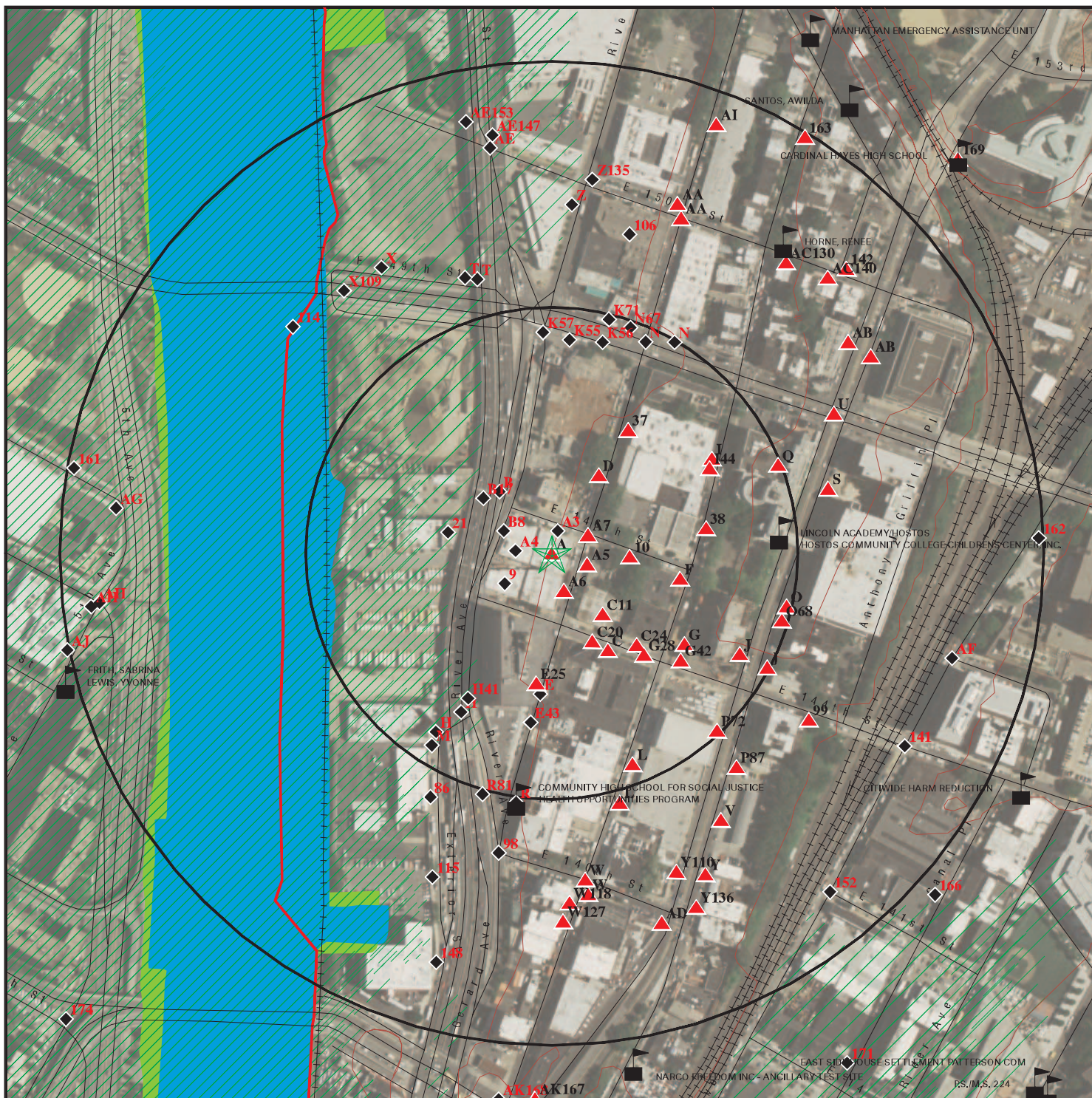
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	475 EXTERIOR ST	NW 0 - 1/8 (0.041 mi.)	B15	70
Not reported	325 EXTERIOR ST	SSW 0 - 1/8 (0.115 mi.)	M61	168
Not reported	111 E 149TH ST	NNE 0 - 1/8 (0.122 mi.)	N67	193
Not reported	101 E 149TH ST	NNE 0 - 1/8 (0.122 mi.)	K71	198

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

<u>Site Name</u>	<u>Database(s)</u>
BRONXCHESTER URA SITE 1A	NY SHWS
MOTT HAVEN MGP PLUME TRACKDOWN	NY SHWS
HUDSON RIVER PKWY SO	NY LTANKS
CE - E. 137TH ST. STATION	NY VCP
CE - E. 138TH ST. - BRONX WORKS	NY VCP

DETAIL MAP - 4692214.2S



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

- Indian Reservations BIA
- County Boundary
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

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

SITE NAME: 361203 PM
 ADDRESS: 445 Gerard Avenue
 Bronx NY 10451
 LAT/LONG: 40.817546 / 73.930094

CLIENT: AEI Consultants
 CONTACT: Michael Barry
 INQUIRY #: 4692214.2s
 DATE: August 04, 2016 2:08 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	2	NR	NR	NR	2
RCRA-SQG	0.250		1	4	NR	NR	NR	5
RCRA-CESQG	0.250		1	8	NR	NR	NR	9
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
NY SHWS	1.000		0	0	3	3	NR	6
NY VAPOR REOPENED	1.000		0	0	1	0	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
NY SWF/LF	0.500		1	1	0	NR	NR	2
<i>State and tribal leaking storage tank lists</i>								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500		4	8	37	NR	NR	49
NY HIST LTANKS	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<i>State and tribal registered storage tank lists</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250		7	15	NR	NR	NR	22
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	0	0	NR	NR	0
NY MOSF	0.500		0	0	0	NR	NR	0
NY CBS	0.250		0	0	NR	NR	NR	0
NY AST	0.250		11	13	NR	NR	NR	24
NY CBS AST	0.250		0	0	NR	NR	NR	0
NY MOSF AST	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		2	0	NR	NR	NR	2
<i>State and tribal institutional control / engineering control registries</i>								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	1	NR	NR	1
NY INST CONTROL	0.500		0	0	1	NR	NR	1
<i>State and tribal voluntary cleanup sites</i>								
NY VCP	0.500		0	0	1	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
NY BROWNFIELDS	0.500		0	0	1	NR	NR	1
NY ERP	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
NY SWRCY	0.500		0	0	1	NR	NR	1
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
NY HIST UST	0.250		4	5	NR	NR	NR	9
NY HIST AST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
NY LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		18	NR	NR	NR	NR	18
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	13	21	NR	NR	NR	35
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
NY AIRS	TP		NR	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NY E DESIGNATION	0.125	1	18	NR	NR	NR	NR	19

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property

LOT 12,TAXBLOCK 2351
445 GERARD AVENUE
BRONX, NY 10451

NY E DESIGNATION

S109942196
N/A

Site 1 of 7 in cluster A

Actual:
21 ft.

E DESIGNATION:
Tax Lot(s): 12
Tax Block: 2351
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

A2
Target
Property

STONE SERVICES INC
445 GERARD AVE
BRONX, NY 10451

RCRA NonGen / NLR
FINDS
NY MANIFEST
ECHO

1000311747
NYD012261244

Site 2 of 7 in cluster A

Actual:
21 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: STONE SERVICES INC
Facility address: 445 GERARD AVE
BRONX, NY 10451
EPA ID: NYD012261244
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: STONE SERVICES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

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

Owner/operator name: STONE SERVICES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

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

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
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: STONE SERVICES INC
Classification: Not a generator, verified

Date form received by agency: 07/14/1999
Site name: STONE SERVICES INC
Classification: Small Quantity Generator

Date form received by agency: 04/28/1989
Site name: STONE SERVICES INC
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 09/28/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

Date achieved compliance: Not reported
Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110004344086

Environmental Interest/Information System

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

NY MANIFEST:

Country: USA
EPA ID: NYD012261244
Facility Status: Not reported
Location Address 1: 445 GERRARD 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: NYD012261244
Mailing Name: STONE SERVICE
Mailing Contact: STONE SERVICE
Mailing Address 1: 445 GERRARD 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: 2122925000

NY MANIFEST:

Document ID: NJA2710524
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 07/16/1998
Trans1 Recv Date: 07/16/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/24/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

Trans2 EPA ID: Not reported
TSD ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00844
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NJA2800637
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: 08690
Trans2 State ID: H10364
Generator Ship Date: 12/11/1998
Trans1 Recv Date: 12/11/1998
Trans2 Recv Date: 12/16/1998
TSD Site Recv Date: 12/21/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: SCD987574647
TSD ID 1: NJD002182897
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

Waste Code: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01688
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NJA2800655
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: 08690
Trans2 State ID: H10364
Generator Ship Date: 12/29/1998
Trans1 Recv Date: 12/29/1998
Trans2 Recv Date: 01/06/1999
TSD Site Recv Date: 01/08/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: SCD987574647
TSD ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01688
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NYC5063297
Manifest Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

seq: 01
Year: 1998
Trans1 State ID: ILP248920
Trans2 State ID: Not reported
Generator Ship Date: 09/08/1998
Trans1 Recv Date: 09/08/1998
Trans2 Recv Date: 09/10/1998
TSD Site Recv Date: 09/16/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: SCD987574647
TSD ID 1: KYD053348108
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01374
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NJA2806909
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 06/01/1998
Trans1 Recv Date: 06/01/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/08/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NJD002182897
TSD ID 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01688
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NJA2819764
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: 08699
Trans2 State ID: Not reported
Generator Ship Date: 04/22/1998
Trans1 Recv Date: 04/22/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/01/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01266
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NJA2710635
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 08/14/1997
Trans1 Recv Date: 08/14/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 08/19/1997
Part A Recv Date: 08/28/1997
Part B Recv Date: 09/16/1997
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00844
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA2640845
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: 08690

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

Trans2 State ID:	Not reported
Generator Ship Date:	04/03/1997
Trans1 Recv Date:	04/03/1997
Trans2 Recv Date:	/ /
TSD Site Recv Date:	04/09/1997
Part A Recv Date:	04/11/1997
Part B Recv Date:	04/30/1997
Generator EPA ID:	NYD012261244
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002182897
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:	F005 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00844
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Document ID:	NJA2085359
Manifest Status:	C
seq:	Not reported
Year:	1996
Trans1 State ID:	08690
Trans2 State ID:	Not reported
Generator Ship Date:	02/09/1996
Trans1 Recv Date:	02/09/1996
Trans2 Recv Date:	/ /
TSD Site Recv Date:	02/14/1996
Part A Recv Date:	02/22/1996
Part B Recv Date:	02/28/1996
Generator EPA ID:	NYD012261244
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002182897
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00438
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYC4180094
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: NYAP6277
Trans2 State ID: Not reported
Generator Ship Date: 10/10/1996
Trans1 Recv Date: 10/10/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 10/16/1996
Part A Recv Date: 10/23/1996
Part B Recv Date: 11/07/1996
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: KYD053348108
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

Quantity: 00458
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA2054297
Manifest Status: C
seq: Not reported
Year: 1995
Trans1 State ID: NJDEPE086
Trans2 State ID: Not reported
Generator Ship Date: 02/21/1995
Trans1 Recv Date: 02/21/1995
Trans2 Recv Date: / /
TSD Site Recv Date: 02/24/1995
Part A Recv Date: 03/03/1995
Part B Recv Date: 03/08/1995
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01266
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA1806267
Manifest Status: C
seq: Not reported
Year: 1994
Trans1 State ID: NJDEPE086
Trans2 State ID: Not reported
Generator Ship Date: 10/07/1994
Trans1 Recv Date: 10/07/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

Trans2 Recv Date: / /
TSD Site Recv Date: 10/10/1994
Part A Recv Date: 10/18/1994
Part B Recv Date: 10/21/1994
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00845
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA1925748
Manifest Status: C
seq: Not reported
Year: 1994
Trans1 State ID: NJDEPE086
Trans2 State ID: Not reported
Generator Ship Date: 12/06/1994
Trans1 Recv Date: 12/06/1994
Trans2 Recv Date: / /
TSD Site Recv Date: 12/08/1994
Part A Recv Date: 12/16/1994
Part B Recv Date: 12/20/1994
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NJD002182897
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01267
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA1746924
Manifest Status: C
seq: Not reported
Year: 1993
Trans1 State ID: NJDEPS869
Trans2 State ID: NJDEPS869
Generator Ship Date: 11/12/1993
Trans1 Recv Date: 11/12/1993
Trans2 Recv Date: 11/18/1993
TSD Site Recv Date: 11/18/1993
Part A Recv Date: 03/11/1994
Part B Recv Date: 12/06/1993
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ILD984908202
TSD ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01688
Units: P - Pounds
Number of Containers: 004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA1627407
Manifest Status: C
seq: Not reported
Year: 1993
Trans1 State ID: NJDEPS869
Trans2 State ID: NJDEPS869
Generator Ship Date: 04/02/1993
Trans1 Recv Date: 04/02/1993
Trans2 Recv Date: 04/05/1993
TSD Site Recv Date: 04/05/1993
Part A Recv Date: 04/13/1993
Part B Recv Date: 04/16/1993
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: ILD051060408
TSD ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00421
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: NJA1648557
Manifest Status: C
seq: Not reported
Year: 1993
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 03/11/1993
Trans1 Recv Date: 03/11/1993
Trans2 Recv Date: / /
TSD Site Recv Date: 03/16/1993
Part A Recv Date: 03/23/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

Part B Recv Date: 03/29/1993
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSD ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00422
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: NJA1542192
Manifest Status: C
seq: Not reported
Year: 1993
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 07/14/1993
Trans1 Recv Date: 07/14/1993
Trans2 Recv Date: / /
TSD Site Recv Date: 07/15/1993
Part A Recv Date: / /
Part B Recv Date: 07/29/1993
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NJD002182897
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01249
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA1409615
Manifest Status: C
seq: Not reported
Year: 1992
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 12/02/1992
Trans1 Recv Date: 12/02/1992
Trans2 Recv Date: / /
TSD Site Recv Date: 12/04/1992
Part A Recv Date: 12/14/1992
Part B Recv Date: 12/17/1992
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00458
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

Document ID: NJA1413497
Manifest Status: C
seq: Not reported
Year: 1992
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 09/17/1992
Trans1 Recv Date: 09/17/1992
Trans2 Recv Date: / /
TSD Site Recv Date: 09/22/1992
Part A Recv Date: / /
Part B Recv Date: 10/02/1992
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported
TSD ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00422
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: NJA1343348
Manifest Status: C
seq: Not reported
Year: 1992
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 06/01/1992
Trans1 Recv Date: 06/01/1992
Trans2 Recv Date: / /
TSD Site Recv Date: 06/04/1992
Part A Recv Date: / /
Part B Recv Date: 06/19/1992
Generator EPA ID: NYD012261244
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STONE SERVICES INC (Continued)

1000311747

TSDf ID 1: NJD002182897
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00422
Units: P - Pounds
Number of Containers: 001
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
30 additional NY_MANIFEST: record(s) in the EDR Site Report.

ECHO:

Envid: 1000311747
Registry ID: 110004344086
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004344086

A3
NNE
< 1/8
0.012 mi.
62 ft.

PAY TV OF GREATER NY
140 E 146TH ST
BRONX, NY 10451
Site 3 of 7 in cluster A

NY TANKS **U001837161**
NY HIST UST **N/A**

Relative:
Lower

TANKS:
Facility Id: 2-333484
Region: STATE
DEC Region: 2
Site Status: Inactive
Program Type: PBS
Expiration Date: N/A
UTM X: 590307.46292
UTM Y: 4518778.54103

Actual:
20 ft.

HIST UST:

PBS Number: 2-333484
SPDES Number: Not reported
Emergency Contact: ROBERT FRANK
Emergency Telephone: (201) 729-9795

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PAY TV OF GREATER NY (Continued)

U001837161

Operator: PAY TV OF GREATER NY
Operator Telephone: (212) 665-9323
Owner Name: PAY TV OF GREATER NY
Owner Address: 411 WALTON AVE
Owner City,St,Zip: BX, NY 10451
Owner Telephone: (212) 665-9323
Owner Type: Not reported
Owner Subtype: Not reported
Mailing Name: PAY TV OF GREATER NY
Mailing Address: 411 WALTON AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: BX, NY 10451
Mailing Contact: Not reported
Mailing Telephone: (212) 665-9323
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: 140 E 146TH ST
SWIS ID: 6001
Old PBS Number: Not reported
Facility Type: Not reported
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 10/02/1987
Expiration Date: 10/02/1992
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 4080
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 1080
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PAY TV OF GREATER NY (Continued)

U001837161

Leak Detection: None
 Overfill Prot: Not reported
 Dispenser: Suction
 Date Tested: Not reported
 Next Test Date: Not reported
 Missing Data for Tank: Minor Data Missing
 Date Closed: Not reported
 Test Method: Not reported
 Deleted: False
 Updated: False
 Lat/long: Not reported

Tank Id: 002
 Tank Location: UNDERGROUND
 Tank Status: In Service
 Install Date: Not reported
 Capacity (gals): 3000
 Product Stored: UNLEADED GASOLINE
 Tank Type: Steel/carbon steel
 Tank Internal: Not reported
 Tank External: Not reported
 Pipe Location: Not reported
 Pipe Type: Not reported
 Pipe Internal: Not reported
 Pipe External: Not reported
 Second Containment: None
 Leak Detection: None
 Overfill Prot: Not reported
 Dispenser: Gravity
 Date Tested: Not reported
 Next Test Date: 12/27/1987
 Missing Data for Tank: Minor Data Missing
 Date Closed: Not reported
 Test Method: Not reported
 Deleted: False
 Updated: False
 Lat/long: Not reported

A4
West
< 1/8
0.019 mi.
98 ft.

LOT 3, TAXBLOCK 2351
440 MAJ WM DEEGAN BLVD
BRONX, NY 10451

NY E DESIGNATION **S109942411**
N/A

Site 4 of 7 in cluster A

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 3
 Tax Block: 2351
 Borough Code: BX
 E-No: E-227
 Effective Date: 6/30/2009
 Satisfaction Date: Not reported
 Ceqr Number: 08DCP071X
 Ulurp Number: 090303ZMX
 Zoning Map No: 6a

Actual:
9 ft.

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 3, TAXBLOCK 2351 (Continued)

S109942411

Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

**A5
ESE
< 1/8
0.019 mi.
99 ft.**

**LOT 5, TAXBLOCK 2350
444 GERARD AVENUE
BRONX, NY 10451**

NY E DESIGNATION

**S109942635
N/A**

Site 5 of 7 in cluster A

**Relative:
Higher**

E DESIGNATION:
Tax Lot(s): 5
Tax Block: 2350
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

**Actual:
26 ft.**

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

**A6
SSE
< 1/8
0.020 mi.
105 ft.**

**LOT 20, TAXBLOCK 2351
417 GERARD AVENUE
BRONX, NY 10451**

NY E DESIGNATION

**S109942318
N/A**

Site 6 of 7 in cluster A

**Relative:
Higher**

E DESIGNATION:
Tax Lot(s): 20
Tax Block: 2351
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

**Actual:
23 ft.**

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 20,TAXBLOCK 2351 (Continued)

S109942318

Lot Remediation Date:	systems Not reported
Description:	Exhaust stack location limitations
Lot Remediation Date:	Not reported
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date:	Not reported
Description:	Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

**A7
 ENE
 < 1/8
 0.021 mi.
 109 ft.**

**MANHOLE 4505
 WEST GERARD AVE/146TH ST
 BRONX, NY**

**NY Spills S108294795
 N/A**

Site 7 of 7 in cluster A

**Relative:
 Higher**

SPILLS:

Facility ID:	0607762
Facility Type:	ER
DER Facility ID:	321340
Site ID:	371579
DEC Region:	2
Spill Date:	2006-10-07
Spill Number/Closed Date:	0607762 / 2007-08-20
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:
 24 ft.**

SWIS:	0301
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2006-10-07
CID:	27
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:	2006-10-07
Spill Record Last Update:	2007-08-20
Spiller Name:	Not reported
Spiller Company:	CONED
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	"08/20/07 - See eDocs for Con Ed report detailing cleanup and closure. Con Ed no. 202807 - see eDocs. (JHO)"
Remarks:	"8 oz spilled in manhole. No to the 5 questions."

Material:

Site ID:	371579
----------	--------

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHOLE 4505 (Continued)

S108294795

Operable Unit ID: 1129336
Operable Unit: 01
Material ID: 2118991
Material Code: 0541A
Material Name: dielectric fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

B8
WNW
< 1/8
0.027 mi.
142 ft.

101-165 W 146TH ST/BX
1010165 WEST 146TH STREET
NEW YORK CITY, NY

NY LTANKS

S100167695
N/A

Site 1 of 7 in cluster B

Relative:
Lower

LTANKS:

Actual:
8 ft.

Site ID: 245732
Spill Number/Closed Date: 8902952 / 2000-12-27
Spill Date: 1989-06-19
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1989-06-21
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1989-06-23
Spill Record Last Update: 2000-12-27
Spiller Name: Not reported
Spiller Company: NYC TRANSIT AUTHORITY
Spiller Address: 101-165 WEST 146TH STREET
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 201789
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.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

101-165 W 146TH ST/BX (Continued)

S100167695

Remarks: transferred from Hale to Tibbe on 12/27/00. refer to 89-02374.
 remediation ongoing. "
 "(2) 5K TANKS IN SYSTEM, TRIED HORNER EZY CHECK BUT STOPPED TEST WHEN
 VISIBLE LEAK WAS NOTICED ON TANK TOP OF ONE TANK."

Material:
 Site ID: 245732
 Operable Unit ID: 930362
 Operable Unit: 01
 Material ID: 450624
 Material Code: 0008
 Material Name: diesel
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: -1.00
 Units: Pounds
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

9
WSW
< 1/8
0.028 mi.
150 ft.

LOT 1, TAXBLOCK 2351
404 MAJ WM DEEGAN BLVD
BRONX, NY 10451

NY E DESIGNATION S109942111
N/A

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 1
 Tax Block: 2351
 Borough Code: BX
 E-No: E-227
 Effective Date: 6/30/2009
 Satisfaction Date: Not reported
 Ceqr Number: 08DCP071X
 Ulurp Number: 090303ZMX
 Zoning Map No: 6a

Actual:
9 ft.

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
 Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
 Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
 Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
 Lot Remediation Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

10
East
< 1/8
0.040 mi.
210 ft.

CHAIRMASTERS INC-200 E 146TH ST
200 E 146TH ST
BRONX, NY 10451

NY LTANKS 1000261378
NY UST NYD986897148
NY HIST UST
RCRA NonGen / NLR
FINDS
NY MANIFEST
ECHO

Relative:
Higher

Actual:
31 ft.

LTANKS:

Site ID: 397682
 Spill Number/Closed Date: 0801696 / 2010-09-13
 Spill Date: 2008-05-09
 Spill Cause: Tank Test Failure
 Spill Source: Commercial/Industrial
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 0301
 Investigator: bkfalvey
 Referred To: Not reported
 Reported to Dept: 2008-05-13
 CID: 404
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Involvement: Not reported
 Remediation Phase: 0
 Date Entered In Computer: 2008-05-13
 Spill Record Last Update: 2010-09-20
 Spiller Name: ROSS SPOSATO
 Spiller Company: COMMERCIAL BUILD
 Spiller Address: 200 EAST 146TH STREET
 Spiller City,St,Zip: BRONX, NY
 Spiller County: 001
 Spiller Contact: ROSS SPOSATO
 Spiller Phone: (718) 292-0600
 Spiller Extension: Not reported
 DEC Region: 2
 DER Facility ID: 347079
 DEC Memo: "6/18/08 bf: Sent ttf letter to: Ross Sposato Chairmasters, Inc. 200 East 146th St. Bronx, NY 10451 6/30/08 Received letter from Ross Sposato of Chairmasters. Tank tested on 5/9/08 and failed. Tank was excavated and they are in the process of isolating lines. Also received message from him on 6/26/08 stating the same. (718)292-0600 x-205. bf 7/29/08 On 7/14/08, received letter from Ross Sposato of Chairmasters. Advanced Tank retested tank and tank passed. Piping will be replaced. After he receives test results, he will send test results and PBS Application. Called Ross S. (718)292-0600 x-205. Returning his call. Left message that there is no fee for tank test processing. Also, noted that a reply to my letter for tank test failure is required to be prepared by third party and needs to explain contamination and repairs made. bf 8/25/08 Received passing tank test report. on 7/31/08. Reviewed and found it not acceptable because technician did not sign the report. Sent tt return letter to Ross Sposato at address above and included request for tank test failure letter response. bf 9/5/08 Yesterday, received message from Ross of Chairmasters. Info was mailed yesterday. bf 9/13/10 Received

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Remarks: call from Ross of Chairmasters. He wanted the status of his tightness test report. I told him I have not received the report nor did I receive a response to the ttf letter. He said that he will fax letter and report to me. bf 9/13/10 This afternoon received fax from ATS that the piping was replaced and there was no spill. Tank tightness test report is still needed to close this case. bf 9/13/10 later this afternoon, received passing tank test report by fax. NFA. bf 9/20/10 Received call from Ross Sposato requesting letter for closure. Faxed amnd mailed it to him. Fax:(718)292-0613. bf"
"PBS No: 2-085464 lines in the petromiter failed"

Material:

Site ID: 397682
Operable Unit ID: 1154624
Operable Unit: 01
Material ID: 2145434
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 397682
Spill Tank Test: 2486093
Tank Number: Not reported
Tank Size: 6000
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Watchdog
Last Modified: Not reported
Test Method: Horner EZ Check I or II

UST:

Id/Status: 2-085464 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590606.43453
UTM Y: 4519125.33567
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id: 2051
Affiliation Type: Mail Contact
Company Name: RH BRONX RIDER LLC
Contact Type: Not reported
Contact Name: SUSAN SACK
Address1: 826 BROADWAY FL 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10003
Country Code: 001
Phone: (212) 227-6601
EMail: SACK@ROBINHOOD.ORG
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-12-14

Site Id: 2051
Affiliation Type: On-Site Operator
Company Name: CHAIRMASTERS INC
Contact Type: Not reported
Contact Name: CHAIRMASTERS INC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-0600
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 2051
Affiliation Type: Facility Owner
Company Name: RH BRONX RIDER, LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 826 BROADWAY FL 7
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10003
Country Code: 001
Phone: (212) 227-6601
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-12-14

Site Id: 2051
Affiliation Type: Emergency Contact
Company Name: RH BRONX RIDER, LLC
Contact Type: Not reported
Contact Name: RH BRONX RIDER LLC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 227-6601

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-12-14

Tank Info:

Tank Number: 001
Tank ID: 3314
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 6000
Install Date: 07/30/1941
Date Tank Closed: 10/07/2011
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: 07/08/2008
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/14/2011

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
H00 - Tank Leak Detection - None
A01 - Tank Internal Protection - Epoxy Liner
B01 - Tank External Protection - Painted/Asphalt Coating
D10 - Pipe Type - Copper

Tank Number: 002
Tank ID: 241972
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: Not reported
Date Tank Closed: 10/07/2011
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/14/2011

Equipment Records:

L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J00 - Dispenser - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping

HIST UST:

PBS Number: 2-085464
SPDES Number: Not reported
Emergency Contact: CHAIRMASTERS INC
Emergency Telephone: (718) 292-0600
Operator: CHAIRMASTERS INC
Operator Telephone: (718) 292-0600
Owner Name: CHAIRMASTERS INC
Owner Address: 200 EAST 146TH ST
Owner City,St,Zip: BRONX, NY 10451
Owner Telephone: (212) 292-0600
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: CHAIRMASTERS INC
Mailing Address: 200 EAST 146TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: BRONX, NY 10451
Mailing Contact: RANDY JAHIER
Mailing Telephone: (718) 292-0600
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2: 200 EAST 146TH ST
SWIS ID: 6001
Old PBS Number: Not reported
Facility Type: MANUFACTURING
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 03/27/1997
Expiration Date: 03/24/2002
Renew Flag: False
Renewal Date: 11/13/2001
Total Capacity: 5000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 5000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: FIBERGLASS COATED STEEL
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: 07/01/1998
Next Test Date: 07/01/2003
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Gilbarco Precision
Deleted: False
Updated: True
Lat/long: Not reported

RCRA NonGen / NLR:

Date form received by agency: 04/29/2011
Facility name: CHAIRMASTERS INC
Facility address: 200 E 146TH ST
BRONX, NY 10451

EPA ID: NYD986897148
Mailing address: E 146TH ST
BRONX, NY 10451

Contact: ROFF SPOSATO
Contact address: E 146TH ST
BRONX, NY 10451

Contact country: US
Contact telephone: (718) 292-0600
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

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

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: 01/01/2007
Site name: CHAIRMASTERS INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/2006
Site name: CHAIRMASTERS INC
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/14/1999
Site name: CHAIRMASTERS INC
Classification: Small Quantity Generator

Date form received by agency: 03/01/1992
Site name: CHAIRMASTER INC
Classification: Large Quantity Generator

Date form received by agency: 04/24/1990
Site name: CHAIRMASTERS INC
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: LDR - Storage Prohibitions
Date violation determined: 06/25/2007
Date achieved compliance: 10/30/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/17/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/02/2007
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 06/25/2007
Date achieved compliance: 10/30/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/17/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/02/2007
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: Generators - General
Date violation determined: 06/25/2007
Date achieved compliance: 10/30/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/17/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/02/2007
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: TSD IS-Preparedness and Prevention
Date violation determined: 06/25/2007
Date achieved compliance: 10/30/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/17/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/02/2007
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: 06/25/2007
Date achieved compliance: 10/30/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/17/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/02/2007
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Area of violation: State Statute or Regulation
Date violation determined: 06/25/2007
Date achieved compliance: 10/30/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/17/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/02/2007
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: TSD IS-Container Use and Management
Date violation determined: 06/25/2007
Date achieved compliance: 10/30/2007
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/17/2007
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 11/02/2007
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: Generators - General
Date violation determined: 06/21/1994
Date achieved compliance: 09/01/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/21/1994
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: 06/21/1994
Date achieved compliance: 09/01/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/21/1994
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: 06/25/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - Storage Prohibitions
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 06/25/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 10/30/2007
Evaluation lead agency: State

Evaluation date: 04/25/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/01/1994
Evaluation lead agency: State

Evaluation date: 04/25/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/01/1994
Evaluation lead agency: State

Evaluation date: 08/27/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Evaluation lead agency: EPA Contractor/Grantee

FINDS:

Registry ID: 110004444940

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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

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

NY MANIFEST:

Country: USA
EPA ID: NYD986897148
Facility Status: Not reported
Location Address 1: 200 EAST 146TH STREET
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: NYD986897148
Mailing Name: CHAIRMASTER INCORPORATED
Mailing Contact: CHAIRMASTER INCORPORATED
Mailing Address 1: 200 EAST 146TH STREET
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2122920600

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJD054126164

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Trans2 State ID:	Not reported
Generator Ship Date:	04/18/2011
Trans1 Recv Date:	04/18/2011
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/19/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986897148
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	OHD066060609
TSD ID 2:	Not reported
Manifest Tracking Number:	003492803JJK
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:	1595.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	29.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Waste Code:	D001
Waste Code 1_2:	D035
Waste Code 1_3:	F003
Waste Code 1_4:	F005
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2008
Trans1 State ID:	PAD987358587
Trans2 State ID:	Not reported
Generator Ship Date:	01/24/2008
Trans1 Recv Date:	01/24/2008
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/29/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986897148
Trans1 EPA ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Trans2 EPA ID: Not reported
TSD ID 1: OHD066060609
TSD ID 2: Not reported
Manifest Tracking Number: 003498278JJK
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: 495.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 9.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D001
Waste Code 1_2: D035
Waste Code 1_3: F003
Waste Code 1_4: F005
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2007
Trans1 State ID: PAD987358587
Trans2 State ID: NJD986607380
Generator Ship Date: 05/08/2007
Trans1 Recv Date: 05/08/2007
Trans2 Recv Date: 05/14/2007
TSD Site Recv Date: 05/15/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986897148
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: ALD070513767
TSD ID 2: Not reported
Manifest Tracking Number: 002018086JJK
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

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

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: 880
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 16
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D001
Waste Code 1_2: D035
Waste Code 1_3: F005
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2007
Trans1 State ID: PAD987358587
Trans2 State ID: Not reported
Generator Ship Date: 10/18/2007
Trans1 Recv Date: 10/18/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/22/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986897148
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: OHD066060609
TSD ID 2: Not reported
Manifest Tracking Number: 002020493JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 302
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 6
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D001
Waste Code 1_2: D035
Waste Code 1_3: F003
Waste Code 1_4: F005
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: NYG3484386
Manifest Status: Not reported
seq: 01
Year: 2003
Trans1 State ID: XT78625PA
Trans2 State ID: Not reported
Generator Ship Date: 11/05/2003
Trans1 Recv Date: 11/05/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/10/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986897148
Trans1 EPA ID: PAD987358587
Trans2 EPA ID: Not reported
TSD ID 1: OHD066060609
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: 00275
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 005
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

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01092
Units: P - Pounds
Number of Containers: 006
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NYG3080709
Manifest Status: Not reported
seq: 01
Year: 2002
Trans1 State ID: XV96477PA
Trans2 State ID: Not reported
Generator Ship Date: 10/29/2002
Trans1 Recv Date: 10/29/2002
Trans2 Recv Date: 11/04/2002
TSD Site Recv Date: 11/08/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986897148
Trans1 EPA ID: PAD987358587
Trans2 EPA ID: FLD980559728
TSD ID 1: GAD093380814
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: 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: 00910
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Waste Code: Not reported
Quantity: 00165
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NYB8568729
Manifest Status: Not reported
seq: 01
Year: 2001
Trans1 State ID: AE53110PA
Trans2 State ID: Not reported
Generator Ship Date: 04/18/2001
Trans1 Recv Date: 04/18/2001
Trans2 Recv Date: 04/23/2001
TSD Site Recv Date: 05/01/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986897148
Trans1 EPA ID: PAD987358587
Trans2 EPA ID: FLD980559728
TSD ID 1: GAD093380814
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: 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: 00768
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01233
Units: P - Pounds
Number of Containers: 003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NYG2428839
Manifest Status: Not reported
seq: 01
Year: 2001
Trans1 State ID: AE53110PA
Trans2 State ID: Not reported
Generator Ship Date: 11/15/2001
Trans1 Recv Date: 11/15/2001
Trans2 Recv Date: 11/19/2001
TSD Site Recv Date: 12/06/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986897148
Trans1 EPA ID: PAD987358587
Trans2 EPA ID: FLD980559728
TSD ID 1: GAD093380814
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: 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: 01092
Units: P - Pounds
Number of Containers: 006
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01233
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Document ID: NYB8567865
Manifest Status: Not reported
seq: 01
Year: 2000
Trans1 State ID: AE53103
Trans2 State ID: Not reported
Generator Ship Date: 08/29/2000
Trans1 Recv Date: 08/29/2000
Trans2 Recv Date: 09/05/2000
TSD Site Recv Date: 09/08/2000
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986897148
Trans1 EPA ID: PAD987358587
Trans2 EPA ID: FLD980559728
TSD ID 1: GAD093380814
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01644
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00728
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NYB8567181
Manifest Status: Not reported
seq: 01
Year: 1999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Trans1 State ID: XD46205PA
Trans2 State ID: Not reported
Generator Ship Date: 10/06/1999
Trans1 Recv Date: 10/06/1999
Trans2 Recv Date: 10/11/1999
TSD Site Recv Date: 10/21/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986897148
Trans1 EPA ID: PAD987358587
Trans2 EPA ID: FLD980559728
TSD ID 1: GAD093380814
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 02877
Units: P - Pounds
Number of Containers: 007
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00728
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NYB8569215
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 11/04/1998
Trans1 Recv Date: 11/04/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/01/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986897148
Trans1 EPA ID: PAD987358587
Trans2 EPA ID: Not reported
TSD ID 1: GAD093380814
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 02466
Units: P - Pounds
Number of Containers: 006
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00728
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NYB6727203
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: NYPD1010
Trans2 State ID: XD48927PA
Generator Ship Date: 01/07/1998
Trans1 Recv Date: 01/07/1998
Trans2 Recv Date: 01/08/1998
TSD Site Recv Date: 01/15/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Generator EPA ID: NYD986897148
Trans1 EPA ID: NYD077444263
Trans2 EPA ID: PAD987358587
TSD ID 1: GAD093380814
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01274
Units: P - Pounds
Number of Containers: 007
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NYB8566857
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: PA250
Trans2 State ID: Not reported
Generator Ship Date: 03/20/1997
Trans1 Recv Date: 03/20/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 04/04/1997
Part A Recv Date: 04/04/1997
Part B Recv Date: 05/06/1997
Generator EPA ID: NYD986897148
Trans1 EPA ID: PAD987358587
Trans2 EPA ID: Not reported
TSD ID 1: GAD093380814

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

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:	F005 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	01644
Units:	P - Pounds
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	F001 - UNKNOWN
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00910
Units:	P - Pounds
Number of Containers:	005
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Document ID:	NYB8081784
Manifest Status:	K
seq:	Not reported
Year:	1996
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	08/13/1996
Trans1 Recv Date:	08/14/1996
Trans2 Recv Date:	08/19/1996
TSD Site Recv Date:	08/30/1996
Part A Recv Date:	08/28/1996
Part B Recv Date:	09/26/1996
Generator EPA ID:	NYD986897148
Trans1 EPA ID:	PAD987358587
Trans2 EPA ID:	Not reported
TSD ID 1:	GAD093380814
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 02877
Units: P - Pounds
Number of Containers: 007
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00728
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYB6726222
Manifest Status: K
seq: Not reported
Year: 1995
Trans1 State ID: R39387ME
Trans2 State ID: Not reported
Generator Ship Date: 03/01/1995
Trans1 Recv Date: 03/01/1995
Trans2 Recv Date: / /
TSD Site Recv Date: 03/10/1995
Part A Recv Date: 03/13/1995
Part B Recv Date: 03/24/1995
Generator EPA ID: NYD986897148
Trans1 EPA ID: CTD982191942
Trans2 EPA ID: Not reported
TSD ID 1: GAD093380814
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

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: 00219
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYB6726015
Manifest Status: K
seq: Not reported
Year: 1995
Trans1 State ID: M88681ME
Trans2 State ID: Not reported
Generator Ship Date: 02/08/1995
Trans1 Recv Date: 02/08/1995
Trans2 Recv Date: 02/10/1995
TSD Site Recv Date: 02/21/1995
Part A Recv Date: / /
Part B Recv Date: 03/17/1995
Generator EPA ID: NYD986897148
Trans1 EPA ID: PAD987358587
Trans2 EPA ID: Not reported
TSDF ID 1: GAD093380814
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: 00214
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYB4996116
Manifest Status: C
seq: Not reported
Year: 1995
Trans1 State ID: M0001
Trans2 State ID: Not reported
Generator Ship Date: 04/20/1995
Trans1 Recv Date: 04/21/1995
Trans2 Recv Date: / /
TSD Site Recv Date: 04/25/1995
Part A Recv Date: 05/09/1995
Part B Recv Date: 05/05/1995
Generator EPA ID: NYD986897148
Trans1 EPA ID: MOD095038998
Trans2 EPA ID: Not reported
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: 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: 00219
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYA7004754
Manifest Status: K
seq: Not reported
Year: 1994
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 03/24/1994
Trans1 Recv Date: 03/24/1994
Trans2 Recv Date: / /
TSD Site Recv Date: 04/06/1994
Part A Recv Date: / /
Part B Recv Date: 04/29/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

Generator EPA ID: NYD986897148
Trans1 EPA ID: MDD981739667
Trans2 EPA ID: Not reported
TSD ID 1: GAD093380814
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: 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: 00182
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01646
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYB5470623
Manifest Status: K
seq: Not reported
Year: 1994
Trans1 State ID: M88681ME
Trans2 State ID: Not reported
Generator Ship Date: 12/22/1994
Trans1 Recv Date: 12/22/1994
Trans2 Recv Date: / /
TSD Site Recv Date: 01/11/1995
Part A Recv Date: 12/30/1994
Part B Recv Date: 01/30/1995
Generator EPA ID: NYD986897148
Trans1 EPA ID: CTD982191942
Trans2 EPA ID: Not reported
TSD ID 1: GAD093380814

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

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: 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: 00364
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 03699
Units: P - Pounds
Number of Containers: 009
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYB5076576
Manifest Status: C
seq: Not reported
Year: 1994
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 07/25/1994
Trans1 Recv Date: 07/25/1994
Trans2 Recv Date: / /
TSD Site Recv Date: 08/02/1994
Part A Recv Date: 08/04/1994
Part B Recv Date: 08/16/1994
Generator EPA ID: NYD986897148
Trans1 EPA ID: OKD981605363
Trans2 EPA ID: Not reported
TSD ID 1: GAD093380814
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CHAIRMASTERS INC-200 E 146TH ST (Continued)

1000261378

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: 00944
 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
 7 additional NY_MANIFEST: record(s) in the EDR Site Report.

ECHO:

Envid: 1000261378
 Registry ID: 110004444940
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004444940

**C11
 SE
 < 1/8
 0.040 mi.
 212 ft.**

**LOT 1,TAXBLOCK 2350
 121 EAST 144 STREET
 BRONX, NY 10451
 Site 1 of 5 in cluster C**

**NY E DESIGNATION S109942110
 N/A**

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 1
 Tax Block: 2350
 Borough Code: BX
 E-No: E-227
 Effective Date: 6/30/2009
 Satisfaction Date: Not reported
 Ceqr Number: 08DCP071X
 Ulurp Number: 090303ZMX
 Zoning Map No: 6a

**Actual:
 30 ft.**

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
 Lot Remediation Date: Not reported

 Description: Window Wall Attenuation & Alternate Ventilation
 Lot Remediation Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B12
NW
< 1/8
0.041 mi.
217 ft.

COPAKE VALLEY FARM LLC
475 EXTERIOR ST
BRONX, NY 10451

RCRA NonGen / NLR **1000547811**
NYD099511974

Site 2 of 7 in cluster B

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007

Facility name: COPAKE VALLEY FARM LLC

Facility address: 475 EXTERIOR ST

BRONX, NY 10451

EPA ID: NYD099511974

Mailing address: EXTERIOR ST

BRONX, NY 10451

Contact: JAMES SOLANO

Contact address: EXTERIOR ST

BRONX, NY 10451

Contact country: US

Contact telephone: (718) 585-4353

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

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

Actual:
7 ft.

Owner/Operator Summary:

Owner/operator name: RIVER EDGE REALTY CORP

Owner/operator address: 801 BARTHOLDI

BRONX, NY 10457

Owner/operator country: US

Owner/operator telephone: (718) 585-4353

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: RIVER EDGE REALTY CORP

Owner/operator address: 801 BARTHOLDI

BRONX, NY 10457

Owner/operator country: US

Owner/operator telephone: (718) 585-4353

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COPAKE VALLEY FARM LLC (Continued)

1000547811

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: COPAKE VALLEY FARM LLC
Classification: Not a generator, verified

Date form received by agency: 01/05/1999
Site name: COPAKE VALLEY FARM LLC
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

**B13
NW
< 1/8
0.041 mi.
217 ft.**

**BRONX COUNTY RECYCLING LLC
475 EXTERIOR STREET
BRONX, NY 10451**

**NY AST A100293366
N/A**

Site 3 of 7 in cluster B

**Relative:
Lower**

AST:

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-479977
Program Type: PBS
UTM X: 590192.97297
UTM Y: 4519056.15652
Expiration Date: N/A
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

**Actual:
7 ft.**

Affiliation Records:

Site Id: 21398
Affiliation Type: Facility Owner
Company Name: RIVEREDGE REALTY CORP.
Contact Type: MEMBER
Contact Name: SALVATORE CASCINO
Address1: 801 BARTHOLDI STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10467
Country Code: 001
Phone: (718) 231-4274
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2012-05-16

Site Id: 21398
Affiliation Type: Mail Contact
Company Name: BRONX COUNTY RECYCLING LLC
Contact Type: Not reported
Contact Name: JOHN HECKEMEYER
Address1: 475 EXTERIOR STREET

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX COUNTY RECYCLING LLC (Continued)

A100293366

Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 742-0755
EMail: BRONXCOUNTYRECYCLING@VERIZON.NET
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-04-28

Site Id: 21398
Affiliation Type: On-Site Operator
Company Name: BRONX COUNTY RECYCLING LLC
Contact Type: Not reported
Contact Name: SALVATORE CASCINO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 742-0755
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2012-05-16

Site Id: 21398
Affiliation Type: Emergency Contact
Company Name: RIVEREDGE REALTY CORP.
Contact Type: Not reported
Contact Name: JOHN HECKEMEYER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 737-3299
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2012-05-16

Tank Info:

Tank Number: 01
Tank Id: 66623
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX COUNTY RECYCLING LLC (Continued)

A100293366

A00 - Tank Internal Protection - None
J00 - Dispenser - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/21/2003
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/25/2012
Register: True
Modified By: NRLOMBAR
Last Modified: 06/01/2012
Material Name: Not reported

Tank Number: 02
Tank Id: 66624
Material Code: 0010
Common Name of Substance: Hydraulic Oil

Equipment Records:

C00 - Pipe Location - No Piping
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/21/2003
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/25/2012
Register: True
Modified By: NRLOMBAR
Last Modified: 06/01/2012
Material Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX COUNTY RECYCLING LLC (Continued)

A100293366

Tank Number: 03
Tank Id: 66625
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
J00 - Dispenser - None
D00 - Pipe Type - No Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: 06/21/2003
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: dxliving
Last Modified: 04/28/2008
Material Name: Not reported

Tank Number: 04
Tank Id: 66626
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
J00 - Dispenser - None
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D00 - Pipe Type - No Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: 06/21/2003
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX COUNTY RECYCLING LLC (Continued)

A100293366

Register: True
Modified By: dxliving
Last Modified: 04/28/2008
Material Name: Not reported

**B14
NW
< 1/8
0.041 mi.
217 ft.**

**NEW YORK RECYCLING LLC
475 EXTERIOR STREET
BRONX, NY 10451**

**NY SWF/LF
NY Spills
NY SPDES**

**U000411220
N/A**

Site 4 of 7 in cluster B

**Relative:
Lower**

SWF/LF:

Flag: INACTIVE
Region Code: 2
Phone Number: 7184018594
Owner Name: Bronx County Recycling
Owner Type: Private
Owner Address: 475 Exterior Street
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10451
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Salvatore Cascino
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: sakascimo@verizon.net
Contact Phone: 7187420755
Activity Desc: C&D processing - registration
Activity Number: [03W87]
Active: No
East Coordinate: 590100
North Coordinate: 4519300
Accuracy Code: 2.1 - NYSDEC 100 m grid collection
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6004-00001
Authorization Date: Not reported
Expiration Date: 05/16/2000

**Actual:
7 ft.**

Flag: INACTIVE
Region Code: 2
Phone Number: 7184012625
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: RICHARD TUORTO; SITE MANAGER
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: C&D processing - registration
Activity Number: [03W66]

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK RECYCLING LLC (Continued)

U000411220

Active: No
East Coordinate: 590112
North Coordinate: 4518642
Accuracy Code: Not reported
Regulatory Status: Permit
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

Flag: ACTIVE
Region Code: 2
Phone Number: 7187420755
Owner Name: Eric Coppola
Owner Type: Private
Owner Address: 3830 Boston Road
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10475
Owner Email: Not reported
Owner Phone: 7183258815
Contact Name: Joe Pego
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Jpego@nyrccc.com
Contact Phone: 7187420755
Activity Desc: C&D processing - registration
Activity Number: [03W87]
Active: Yes
East Coordinate: 590182
North Coordinate: 4519111
Accuracy Code: 1 - No accuracy stated
Regulatory Status: Registration
Waste Type: Asphalt;Brick;Concrete;Rock;Soil (Clean);Metals (Ferrous);Metals (Non-Ferrous);Construction & Demolition Debris

Authorization #: 03W87
Authorization Date: Not reported
Expiration Date: Not reported

SPILLS:

Facility ID: 9611101
Facility Type: ER
DER Facility ID: 201252
Site ID: 245003
DEC Region: 2
Spill Date: 1996-12-03
Spill Number/Closed Date: 9611101 / 1997-01-10
Spill Cause: Unknown
Spill Class: Known release that creates a file or hazard. (Highly Improbable)
SWIS: 0301
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1996-12-09
CID: 351
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Local Agency

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK RECYCLING LLC (Continued)

U000411220

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: 1996-12-09
Spill Record Last Update: 2003-11-10
Spiller Name: Not reported
Spiller Company: SAME
Spiller Address: Not reported
Spiller City,St,Zip: ZZ -
Spiller Company: 001
Contact Name: UNK
Contact Phone: Not reported
DEC Memo: ""
Remarks: "MATERIAL IS POSS LITHIUM BROMIDE - NON PUTRESSALE SOLID WASTE FACILITY - NYC DOS INSPECTOR MILURA OBSERVED AN UNKNOWN SUBSATNCE RUNNING FROM FACILITY INTO HARLEM RIVER - POSSIBLY LIHTIUM BROMIDE SPILL FAXED FROM REGION 2"

Material:

Site ID: 245003
Operable Unit ID: 1042642
Operable Unit: 01
Material ID: 343308
Material Code: 0531A
Material Name: lithium
Case No.: 07439932
Material FA: Other
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPDES:

Permit Number: NYR00F342
State-Region: 02
Expiration Date: 09/30/2017
Current Major Minor Status: Minor
Primary Facility SIC Code: 1429
State Water Body Name: HARLEM RIVER
Limit Set Status Flag: Active
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: Not reported
Lat/Long: +40.818 / -73.931
DMR Cognizant Official: Not reported
UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK RECYCLING LLC (Continued)

U000411220

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: NEW YORK RECYCLING LLC
Non-Gov Permit Street Address: NEW YORK RECYCLING
Non-Gov Permit Supplemental Location: 475 EXTERIOR ST
Non-Gov Permit City: BRONX
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 10451
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: NEW YORK RECYCLING LLC
Non-Gov Facility Street Address: NEW YORK RECYCLING
Non-Gov Facility Supplemental Location: 475 EXTERIOR ST
Non-Gov Facility City: BRONX
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10451
State Water Body: Not reported

UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY005

Non-Gov Permit Affiliation Type Desc: Permittee
Non-Gov Permit Org Formal Name: NEW YORK RECYCLING LLC
Non-Gov Permit Street Address: 475 EXTERIOR ST
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: BRONX
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 10451
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: NEW YORK RECYCLING LLC
Non-Gov Facility Street Address: NEW YORK RECYCLING
Non-Gov Facility Supplemental Location: 475 EXTERIOR ST
Non-Gov Facility City: BRONX
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10451
State Water Body: Not reported

UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY005

Non-Gov Permit Affiliation Type Desc: Not reported
Non-Gov Permit Org Formal Name: Not reported
Non-Gov Permit Street Address: Not reported
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: Not reported
Non-Gov Permit State Code: Not reported
Non-Gov Permit Zip Code: Not reported
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: NEW YORK RECYCLING LLC
Non-Gov Facility Street Address: NEW YORK RECYCLING
Non-Gov Facility Supplemental Location: 475 EXTERIOR ST
Non-Gov Facility City: BRONX
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10451
State Water Body: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

B15
NW
< 1/8
0.041 mi.
217 ft.

475 EXTERIOR ST
BRONX, NY 10451
Site 5 of 7 in cluster B

EDR Hist Auto **1015512329**
N/A

Relative:
Lower

Actual:
7 ft.

EDR Historical Auto Stations:
Name: AUTORAMA COLLISION
Year: 2002
Address: 475 EXTERIOR ST

B16
NW
< 1/8
0.041 mi.
217 ft.

BRONX COUNTY RECYCLING LLC
475 EXTERIOR STREET
BRONX, NY 10451
Site 6 of 7 in cluster B

NY UST **U004077857**
N/A

Relative:
Lower

Actual:
7 ft.

UST:
Id/Status: 2-479977 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590192.97297
UTM Y: 4519056.15652
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:
Site Id: 21398
Affiliation Type: Facility Owner
Company Name: RIVEREDGE REALTY CORP.
Contact Type: MEMBER
Contact Name: SALVATORE CASCINO
Address1: 801 BARTHOLDI STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10467
Country Code: 001
Phone: (718) 231-4274
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2012-05-16

Site Id: 21398
Affiliation Type: Mail Contact
Company Name: BRONX COUNTY RECYCLING LLC
Contact Type: Not reported
Contact Name: JOHN HECKEMEYER
Address1: 475 EXTERIOR STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 742-0755
EMail: BRONXCOUNTYRECYCLING@VERIZON.NET
Fax Number: Not reported
Modified By: dxliving

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX COUNTY RECYCLING LLC (Continued)

U004077857

Date Last Modified: 2008-04-28

Site Id: 21398
Affiliation Type: On-Site Operator
Company Name: BRONX COUNTY RECYCLING LLC
Contact Type: Not reported
Contact Name: SALVATORE CASCINO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 742-0755
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2012-05-16

Site Id: 21398
Affiliation Type: Emergency Contact
Company Name: RIVEREDGE REALTY CORP.
Contact Type: Not reported
Contact Name: JOHN HECKEMEYER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 737-3299
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2012-05-16

Tank Info:

Tank Number: 001
Tank ID: 38799
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1989
Date Tank Closed: 03/21/1997
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: 03/04/2004

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BRONX COUNTY RECYCLING LLC (Continued)

U004077857

Equipment Records:

- J02 - Dispenser - Suction Dispenser
- H03 - Tank Leak Detection - Vapor Well
- A00 - Tank Internal Protection - None
- B00 - Tank External Protection - None
- F00 - Pipe External Protection - None
- D02 - Pipe Type - Galvanized Steel
- C00 - Pipe Location - No Piping
- I04 - Overfill - Product Level Gauge (A/G)
- G03 - Tank Secondary Containment - Vault (w/o access)

B17
NW
 < 1/8
 0.045 mi.
 236 ft.

NORTHBOUD SERVICE RD
EXIT 4 MAJOR DEAGAN
BRONX, NY
 Site 7 of 7 in cluster B

NY Spills S108296970
N/A

Relative:
Lower

SPILLS:

Actual:
7 ft.

Facility ID: 0610701
 Facility Type: ER
 DER Facility ID: 324835
 Site ID: 375192
 DEC Region: 2
 Spill Date: 2006-12-21
 Spill Number/Closed Date: 0610701 / 2007-07-25
 Spill Cause: Other
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 SWIS: 0301
 Investigator: rmpiper
 Referred To: Not reported
 Reported to Dept: 2006-12-21
 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: 2006-12-21
 Spill Record Last Update: 2007-07-25
 Spiller Name: DOAN CAFFERTY
 Spiller Company: NORTHBOUD SERVICE RD
 Spiller Address: EXIT 4 MAJOR DEAGAN
 Spiller City,St,Zip: BRONX, NY
 Spiller Company: 001
 Contact Name: DOAN CAFFERTY
 Contact Phone: (917) 882-7164
 DEC Memo: "Sangesland left a voice message with Mr. Cafferty asking for more information on what contamination was found during this digging AND which Brownfields case this site is associated with. If this is part of a Brownfields project, this spill can be closed out and the project forwarded to that Brownfields manager here at the DEC. This site is under separate contract and is not associated with the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHBOUD SERVICE RD (Continued)

S108296970

Remarks: brownfield project. While digging excessive contamination was found. PID results were pinned at 2000ppb. Piper left message for chief Engineer of Deegan Project. MAzher Usmani- 973-441-7225. requesting callback. need to send csl. 7/26/07- DEC Piper received and reviewed closure report. While digging a sewer construction crew observed contaminated soil in trench. Trench was 110' long x 8' wide x 15' deep. Contaminated soil was stockpiled and disposed of. 365 tons of soil was disposed of. Endpoints revealed no VOC's and exceedances in SVOC's which is most likely due to fill material. A slab was put in the trench and a slab capped the trench. Closed. See e-docs if warranted.
"NEAR THE BROWNFIELD PROJECT- FOUND CONTAMINATION WHILE DIGGING FOR A SEWER LINE: TOOK SAMPLES AND STOCK PILED AND HAVE NOT REMOVED MATERIAL"

Material:

Site ID: 375192
Operable Unit ID: 1132838
Operable Unit: 01
Material ID: 2122625
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

D18
NNE
< 1/8
0.046 mi.
245 ft.

475 GERARD AVE
BRONX, NY 10451

Site 1 of 2 in cluster D

EDR Hist Auto 1015512336
N/A

Relative:
Higher

EDR Historical Auto Stations:

Name: W & E AUTOBODY
Year: 2001
Address: 475 GERARD AVE

Actual:
23 ft.

Name: W & E AUTOBODY
Year: 2002
Address: 475 GERARD AVE

Name: W & E AUTOBODY
Year: 2003
Address: 475 GERARD AVE

Name: BABA AUTO COMPLETE REPAIR
Year: 2007
Address: 475 GERARD AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

D19 **A.C. AUTO WRECKING CO. INC**
NNE **475 GERARD AVENUE**
< 1/8 **BRONX, NY 10451**
0.046 mi.
245 ft. **Site 2 of 2 in cluster D**

NY AST **S107784291**
N/A

Relative:
Higher

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-605476
Program Type: PBS
UTM X: 590276.37607
UTM Y: 4519100.69558
Expiration Date: N/A
Site Type: Other

Actual:
23 ft.

Affiliation Records:
Site Id: 27344
Affiliation Type: Facility Owner
Company Name: HOWARD SHOMSKY
Contact Type: MANAGER
Contact Name: HENRY KESSLER
Address1: 11 DEB ST
Address2: Not reported
City: PLAINVIEW
State: NY
Zip Code: 11803
Country Code: 001
Phone: (516) 433-7645
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-01-04

Site Id: 27344
Affiliation Type: Mail Contact
Company Name: A.C. AUTO WRECKING CO INC
Contact Type: Not reported
Contact Name: HENRY KESSLER
Address1: 54 LARCH HILL ROAD
Address2: Not reported
City: LAWRENCE
State: NY
Zip Code: 11559
Country Code: 001
Phone: (516) 239-8683
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-01-04

Site Id: 27344
Affiliation Type: On-Site Operator
Company Name: A.C. AUTO WRECKING CO. INC
Contact Type: Not reported
Contact Name: HOWARD SHOMSKY
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

A.C. AUTO WRECKING CO. INC (Continued)

S107784291

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-3274
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 27344
Affiliation Type: Emergency Contact
Company Name: HOWARD SHOMSKY
Contact Type: Not reported
Contact Name: HOWARD SHOMSKY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 433-7645
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 1
Tank Id: 59933
Material Code: 2642
Common Name of Substance: Used Oil (Heating, On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/2001
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/01/2002
Register: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A.C. AUTO WRECKING CO. INC (Continued)

S107784291

Modified By: NRLOMBAR
Last Modified: 01/04/2006
Material Name: Not reported

Tank Number: 2
Tank Id: 59934
Material Code: 2642
Common Name of Substance: Used Oil (Heating, On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
H00 - Tank Leak Detection - None
D00 - Pipe Type - No Piping
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/2001
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/01/2002
Register: True
Modified By: NRLOMBAR
Last Modified: 01/04/2006
Material Name: Not reported

C20
SSE
< 1/8
0.049 mi.
260 ft.

ROCKET JEWELRY BOX INC
125 EAST 144TH STREET
BRONX, NY 10451
Site 2 of 5 in cluster C

NY AST U004077060
N/A

Relative:
Higher

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-207209
Program Type: PBS
UTM X: 590288.28488
UTM Y: 4519000.44334
Expiration Date: 01/07/2008
Site Type: Manufacturing (Other than Chemical)/Processing

Actual:
30 ft.

Affiliation Records:

Site Id: 7341
Affiliation Type: Facility Owner
Company Name: M&N PARTNERSHIP LTD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROCKET JEWELRY BOX INC (Continued)

U004077060

Contact Type: SECRETARY
Contact Name: MICHAEL KAPLAN
Address1: 125 EAST 144TH STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 292-5370
EMail: Not reported
Fax Number: Not reported
Modified By: kxtang
Date Last Modified: 2004-05-11

Site Id: 7341
Affiliation Type: Mail Contact
Company Name: ROCKET JEWELRY BOX INC.
Contact Type: Not reported
Contact Name: RICHARD S. PARDO
Address1: 125 EAST 144TH STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 292-5370
EMail: Not reported
Fax Number: Not reported
Modified By: kxtang
Date Last Modified: 2004-05-11

Site Id: 7341
Affiliation Type: On-Site Operator
Company Name: ROCKET JEWELRY BOX INC
Contact Type: Not reported
Contact Name: TIMOTHY CLARK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-5370
EMail: Not reported
Fax Number: Not reported
Modified By: kxtang
Date Last Modified: 2004-05-11

Site Id: 7341
Affiliation Type: Emergency Contact
Company Name: M&N PARTNERSHIP LTD
Contact Type: Not reported
Contact Name: MICHAEL KAPLAN
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

ROCKET JEWELRY BOX INC (Continued)

U004077060

Zip Code: Not reported
Country Code: 999
Phone: (718) 292-5370
EMail: Not reported
Fax Number: Not reported
Modified By: kxtang
Date Last Modified: 2004-05-11

Tank Info:

Tank Number: 001
Tank Id: 24956
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
B99 - Tank External Protection - Other

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 07/01/1953
Capacity Gallons: 3000
Tightness Test Method: 18
Date Test: 03/14/2000
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: kxtang
Last Modified: 05/11/2004
Material Name: Not reported

21
WNW
< 1/8
0.054 mi.
284 ft.

PPG INDUSTRIES INC LOC #1834
441 EXTERIOR ST
BRONX, NY 10451

RCRA NonGen / NLR 1000119433
FINDS NYD981494818
ECHO

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: PPG INDUSTRIES INC LOC #1834
Facility address: 441 EXTERIOR ST
BRONX, NY 104512008
EPA ID: NYD981494818
Mailing address: KAPPA DR
PITTSBURGH, NY 15238
Contact: Not reported
Contact address: KAPPA DR

Actual:
6 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PPG INDUSTRIES INC LOC #1834 (Continued)

1000119433

PITTSBURGH, NY 15238
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: PPG INDUSTRIES INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: PPG INDUSTRIES INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Site name: PPG INDUSTRIES INC LOC #1834
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: PPG INDUSTRIES INC LOC #1834
Classification: Not a generator, verified

Date form received by agency: 07/30/1986

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PPG INDUSTRIES INC LOC #1834 (Continued)

1000119433

Site name: PPG INDUSTRIES INC LOC #1834
 Classification: Small Quantity Generator

. Waste code: D000
 . Waste name: Not Defined

. Waste code: D001
 . Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110004407311

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.

ECHO:

Envid: 1000119433
 Registry ID: 110004407311
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004407311

C22
SSE
 < 1/8
 0.057 mi.
 300 ft.

LOT 112,TAXBLOCK 2344
120 EAST 144 STREET
BRONX, NY 10451

NY E DESIGNATION S109942190
N/A

Site 3 of 5 in cluster C

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 112
 Tax Block: 2344
 Borough Code: BX
 E-No: E-227
 Effective Date: 6/30/2009
 Satisfaction Date: Not reported
 Ceqr Number: 08DCP071X
 Ulurp Number: 090303ZMX
 Zoning Map No: 6a

Actual:
31 ft.

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
 Lot Remediation Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C23
SSE
< 1/8
0.057 mi.
300 ft.

PANORAMIC INDUSTRIES INC
120 E 144TH ST
BRONX, NY 10451

NY AST U004076795
N/A

Site 4 of 5 in cluster C

Relative:
Higher

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-209775
Program Type: PBS
UTM X: 590280.85360
UTM Y: 4519003.27338
Expiration Date: 08/24/1997
Site Type: Other

Actual:
31 ft.

Affiliation Records:

Site Id: 7557
Affiliation Type: Facility Owner
Company Name: PANORAMIC INDUSTRIES INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 120 E 144TH ST
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (212) 993-5100
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 7557
Affiliation Type: Mail Contact
Company Name: PANORAMIC INDUSTRIES INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 120 E 144TH ST
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (212) 993-5100
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 7557
Affiliation Type: On-Site Operator
Company Name: PANORAMIC INDUSTRIES INC
Contact Type: Not reported
Contact Name: PANORAMIC INDUSTRIES INC
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

PANORAMIC INDUSTRIES INC (Continued)

U004076795

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 993-5100
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 7557
Affiliation Type: Emergency Contact
Company Name: PANORAMIC INDUSTRIES INC
Contact Type: Not reported
Contact Name: MALCOLM RODRIGUES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 733-3226
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 18666
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 11/01/1979
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: TRANSLAT

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PANORAMIC INDUSTRIES INC (Continued)

U004076795

Last Modified: 03/04/2004
 Material Name: Not reported

Tank Number: 002
 Tank Id: 18667
 Material Code: 0001
 Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
 F00 - Pipe External Protection - None
 A00 - Tank Internal Protection - None
 L09 - Piping Leak Detection - Exempt Suction Piping
 H00 - Tank Leak Detection - None
 G03 - Tank Secondary Containment - Vault (w/o access)
 J02 - Dispenser - Suction Dispenser
 D02 - Pipe Type - Galvanized Steel
 C00 - Pipe Location - No Piping
 I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 6
 Tank Type: Steel/Carbon Steel/Iron
 Tank Status: In Service
 Pipe Model: Not reported
 Install Date: 11/01/1979
 Capacity Gallons: 5000
 Tightness Test Method: NN
 Date Test: Not reported
 Next Test Date: Not reported
 Date Tank Closed: Not reported
 Register: True
 Modified By: TRANSLAT
 Last Modified: 03/04/2004
 Material Name: Not reported

C24
SE
< 1/8
0.063 mi.
334 ft.

LOT 16,TAXBLOCK 2350
135 EAST 144 STREET
BRONX, NY 10451
Site 5 of 5 in cluster C

NY E DESIGNATION **S117675905**
N/A

Relative:
Higher

Actual:
34 ft.

E DESIGNATION:
 Tax Lot(s): 16
 Tax Block: 2350
 Borough Code: BX
 E-No: E-227
 Effective Date: 6/30/2009
 Satisfaction Date: Not reported
 Ceqr Number: 08DCP071X
 Ulurp Number: 090303ZMX
 Zoning Map No: 6a

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
 Lot Remediation Date: Not reported

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 16,TAXBLOCK 2350 (Continued)

S117675905

Lot Remediation Date: Not reported
Description: Exhaust stack location limitations
Lot Remediation Date: Not reported

**E25
South
< 1/8
0.066 mi.
351 ft.**

**CON EDISON
385 GERARD AVE
BRONX, NY 10451**

**NY MANIFEST S117738299
N/A**

Site 1 of 10 in cluster E

**Relative:
Higher**

NY MANIFEST:
Country: USA
EPA ID: NYP004713277
Facility Status: Not reported
Location Address 1: 385 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: Not reported

**Actual:
21 ft.**

NY MANIFEST:
EPAID: NYP004713277
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: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/08/2015
Trans1 Recv Date: 01/08/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/09/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004713277
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 014161886JJK
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)

S117738299

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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/08/2015
Trans1 Recv Date: 01/08/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/09/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004713277
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 014161886JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117738299

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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/08/2015
Trans1 Recv Date: 01/08/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/09/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004713277
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 014161886JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117738299

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

F26
ESE
< 1/8
0.066 mi.
351 ft.

HOSTOS COMMUNITY COLLEGE
427 WALTON AVENUE
BRONX, NY 10451

NY UST **U004047150**
N/A

Site 1 of 2 in cluster F

Relative:
Higher

UST:
Id/Status: 2-609953 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590324.49401
UTM Y: 4518998.49859
Site Type: School

Actual:
36 ft.

Affiliation Records:
Site Id: 346914
Affiliation Type: Facility Owner
Company Name: CITY UNIVERSITY OF NEW YORK
Contact Type: ADMINISTRATIVE SUPERINTENDENT
Contact Name: FRANK VIRONE
Address1: 535 EAST 80TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10021
Country Code: 001
Phone: (212) 794-5571
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2010-06-21

Site Id: 346914
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) 518-4478
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

U004047150

Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-06-02

Site Id: 346914
Affiliation Type: On-Site Operator
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: FRANK VIRONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 518-4476
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2010-06-21

Site Id: 346914
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

Tank Info:

Tank Number: 010
Tank ID: 206617
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 01/01/1989
Date Tank Closed: 05/04/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 00
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

HOSTOS COMMUNITY COLLEGE (Continued)

U004047150

Modified By: KXTANG
Last Modified: 06/02/2005

Equipment Records:

L00 - Piping Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None

Tank Number: 011
Tank ID: 206618
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 01/01/1989
Date Tank Closed: 05/04/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 06/02/2005

Equipment Records:

I00 - Overfill - None
L00 - Piping Leak Detection - None
C03 - Pipe Location - Aboveground/Underground Combination
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F27
ESE
< 1/8
0.066 mi.
351 ft.

LOT 11,TAXBLOCK 2350
427 WALTON AVENUE
BRONX, NY 10451

NY E DESIGNATION **S109942173**
N/A

Site 2 of 2 in cluster F

Relative:
Higher

E DESIGNATION:
Tax Lot(s): 11
Tax Block: 2350
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

Actual:
36 ft.

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported
Description: Exhaust stack location limitations
Lot Remediation Date: Not reported
Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

G28
SE
< 1/8
0.070 mi.
367 ft.

COATS NORTH AMERICA
135 EAST 144TH STREET
BRONX, NY 10451

NY AST **U003396364**
N/A

Site 1 of 4 in cluster G

Relative:
Higher

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-601909
Program Type: PBS
UTM X: 590328.53765
UTM Y: 4518985.11396
Expiration Date: 03/05/2007
Site Type: Manufacturing (Other than Chemical)/Processing

Actual:
35 ft.

Affiliation Records:
Site Id: 23871
Affiliation Type: Facility Owner
Company Name: COATS NORTH AMERICA
Contact Type: DIRECTOR, ENVIRONMENTAL ENGINEERING
Contact Name: MIKE BELL
Address1: 3430 TORINGDON WAY
Address2: Not reported
City: CHARLOTTE
State: NC
Zip Code: 28277
Country Code: 001
Phone: (704) 329-5800
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

COATS NORTH AMERICA (Continued)

U003396364

Date Last Modified: 2004-03-25

Site Id: 23871
Affiliation Type: Mail Contact
Company Name: COATS NORTH AMERICA
Contact Type: Not reported
Contact Name: MIKE BELL
Address1: P.O. BOX 670
Address2: Not reported
City: TOCCOA
State: GA
Zip Code: 30577
Country Code: 001
Phone: (706) 886-2141
EMail: Not reported
Fax Number: Not reported
Modified By: kxtang
Date Last Modified: 2004-03-25

Site Id: 23871
Affiliation Type: On-Site Operator
Company Name: BARBOUR THREADS, INC.
Contact Type: Not reported
Contact Name: COATS NORTH AMERICA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-6413
EMail: Not reported
Fax Number: Not reported
Modified By: kxtang
Date Last Modified: 2004-03-25

Site Id: 23871
Affiliation Type: Emergency Contact
Company Name: Not reported
Contact Type: Not reported
Contact Name: FRED MOORE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 794-0070
EMail: Not reported
Fax Number: Not reported
Modified By: kxtang
Date Last Modified: 2004-03-25

Tank Info:

Tank Number: 001
Tank Id: 48275

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

COATS NORTH AMERICA (Continued)

U003396364

Material Code: 0001
 Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
 A00 - Tank Internal Protection - None
 F00 - Pipe External Protection - None
 H00 - Tank Leak Detection - None
 B01 - Tank External Protection - Painted/Asphalt Coating
 G01 - Tank Secondary Containment - Diking (Aboveground)
 I04 - Overfill - Product Level Gauge (A/G)
 C01 - Pipe Location - Aboveground
 J02 - Dispenser - Suction Dispenser
 D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: 1
 Tank Type: Steel/Carbon Steel/Iron
 Tank Status: In Service
 Pipe Model: Not reported
 Install Date: 03/01/1988
 Capacity Gallons: 3000
 Tightness Test Method: NN
 Date Test: Not reported
 Next Test Date: Not reported
 Date Tank Closed: Not reported
 Register: True
 Modified By: kxtang
 Last Modified: 03/25/2004
 Material Name: Not reported

E29
South
< 1/8
0.072 mi.
379 ft.

BARKLEY BUILDING
385 GERARD AVE - 5TH & 6TH FL
BRONX, NY 10451

RCRA NonGen / NLR **1000871755**
FINDS **NY0000095927**
ECHO

Site 2 of 10 in cluster E

Relative:
Lower

Actual:
20 ft.

RCRA NonGen / NLR:
 Date form received by agency: 01/01/2007
 Facility name: BARKLEY BUILDING
 Facility address: 385 GERARD AVE - 5TH & 6TH FL
 BRONX, NY 10451
 EPA ID: NY0000095927
 Mailing address: YORK AVE - MEMORIAL SLOAN
 KETTERING CANCER CENTER
 NEW YORK, NY 10021
 Contact: Not reported
 Contact address: YORK AVE - MEMORIAL SLOAN
 NEW YORK, NY 10021
 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: HELMSLEY SPEAR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARKLEY BUILDING (Continued)

1000871755

Owner/operator address: 60 E 42ND ST - LINCOLN BLDG
NEW YORK, NY 10165
Owner/operator country: US
Owner/operator telephone: (212) 880-0511
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HELMSLEY SPEAR
Owner/operator address: 60 E 42ND ST - LINCOLN BLDG
NEW YORK, NY 10165
Owner/operator country: US
Owner/operator telephone: (212) 880-0511
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: BARKLEY BUILDING
Classification: Not a generator, verified

Date form received by agency: 12/05/1996
Site name: BARKLEY BUILDING
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Date form received by agency: 12/21/1993
Site name: BARKLEY BUILDING
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARKLEY BUILDING (Continued)

1000871755

Waste name: CORROSIVE WASTE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 11/21/1996
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

FINDS:

Registry ID: 110007983450

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.

ECHO:

Envid: 1000871755
Registry ID: 110007983450
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110007983450

E30
South
< 1/8
0.073 mi.
383 ft.

VS 2773
385 GERARD AVENUE
BRONX, NY
Site 3 of 10 in cluster E

NY Spills **S106006943**
N/A

Relative:
Lower

SPILLS:

Facility ID: 0604618
Facility Type: ER
DER Facility ID: 317609
Site ID: 367628
DEC Region: 2
Spill Date: 2006-07-25
Spill Number/Closed Date: 0604618 / 2007-03-19
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
20 ft.

SWIS: 0301
Investigator: GDBREEN
Referred To: Not reported
Reported to Dept: 2006-07-25
CID: 74

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VS 2773 (Continued)

S106006943

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: 2006-07-25
Spill Record Last Update: 2007-03-19
Spiller Name: ERT DESK
Spiller Company: CON EDISON
Spiller Address: 3885 GERRARD AVE/E 144TH
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: ERT DESK
Contact Phone: (212) 580-8383
DEC Memo: "03/19/07 - See e-docs for Con Ed report detailing cleanup and closure. 201385. see eDocs"
Remarks: "cleanup is pending - ongoing fire in the vault Ref 201385 NRC 805383"

Material:

Site ID: 367628
Operable Unit ID: 1125530
Operable Unit: 01
Material ID: 2115046
Material Code: 0020A
Material Name: transformer oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0205576
Facility Type: ER
DER Facility ID: 233453
Site ID: 288208
DEC Region: 2
Spill Date: 2002-08-27
Spill Number/Closed Date: 0205576 / 2004-01-14
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 2002-08-27
CID: 398
Water Affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VS 2773 (Continued)

S106006943

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: 2002-08-27
Spill Record Last Update: 2004-01-21
Spiller Name: SAME
Spiller Company: CON EDISON
Spiller Address: 4 IRVING PLACE
Spiller City,St,Zip: NEW YORK, NY 10003
Spiller Company: 001
Contact Name: PETE MCGUIRE
Contact Phone: (212) 580-6763
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY Con Ed e2mis #144758: Senior Field Operator D. Mullan #20275 reports that while trouble shooting 2X12 he found that fault at the transformer with 50 gallons of dielectric oil on 400 gallons of water in TM 1676. There is no smoke or fire, no sewers or waterways, and no private property affected. Clean up pending crews. Liquid sample has been taken for pcb's, Clean up will be treated as 50-499. Environmental tag number is 37692, which fell into the oil, and was replaced with environmental tag number 37542. 20:41 tanker ordered. 20:50 flush crew dispatched. 27-AUG-2002 21:04 CIG McGuire # 61959 27-AUG-2002 21:45 DEP Rep on R. Diaz on location. 21:50 Flush Mech E. Henn on location. 22:00 ERT D. DUKE on location. Historic results are as follows: Distribution Area: Bronx Vault: 1676 - TRANSFORMER MANHOLE Location: 385 GERARD AV SWK NLY (L LEG) Sample Date, Analysis Date, Received Date, PCB(PPM), Lab Seq No 1/19/1987, 1/26/1987, 1/26/1987, 10ppm, 700908 Tanker scheduled for 23:30 tonight. 27-AUG-2002 23:00 Update: EPA ID # obtained at 21:00 from ERT D. Duke. 27-AUG-2002 23:30 Spring Scaffolding company was contacted due to scaffolding over part of the grating. The company was called and paged, but did not respond. Spring Scaffold Companies phone number is 718-392-4921, and pager # is 917-241-9443. 23:45 EH&S Rep S. Marotta is on location. 28-AUG-2002 02:00 Flush Mech E. Henn Reports that the Astoria tanker removed 400 gallons on non-haz oil, and the flush truck remove 300 pounds of debris. The transformer will be drained when the unit has been CFR. There is no oil leaking at this time. The sump pit was found sealed with concrete. Clean up pending transformer removal. 29-August-2002 @ 06:36 hrs. Lab. results posted as follows: Page 1 of 1 8/27/2002 Consolidated Edison Environment, Health and Safety ChemLab NELAP NY Lab ID No: 10380 Lab Sequence Number: 02-08018-001 Date Approved: 8/27/2002 E2 Incident Number: 144758 Date Received: 8/27/2002 Chain of Custody ID: CC05654 Date Sampled: 8/27/2002 PCB analysis by EPA 608/8082 Aroclor 1242 < 1.0 ppm EPA 608/8082 Aroclor 1254 < 1.0 ppm EPA 608/8082 Aroclor 1248 < 1.0 ppm EPA 608/8082 Aroclor 1260 < 1.0 ppm EPA 608/8082 21-OCT-2002 15:38 Environmental Flush Mech A O. Negron 18400 reports cleanup complete. 775 Gallons of NON-PCB oil and water was removed from the vault by tanker and 1200 pounds of non-hazardous solids were removed by the flush truck. The liquid waste will be transported to Astoria WWTP and the solids will be transported to Hellgate Flush pit. The tanker removed 90 gallons of oil from the unit. The capacity of the unit is

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VS 2773 (Continued)

S106006943

205 gallons, making the spill 115 gallons. The addition spill volume was report to ERT W. Capune 85485 at 15:39. Vault was double washed and rinsed. Cleanup complete. As noted above the sump was sealed with concrete, the discrepancy was 65 gallons and was mis-estimated during the initial report recovered from the vault. 21-OCT-2002 15:53 CIG T. Marcinek 87549 notified of update 15:49 Update 1/14/04 Transformer removal confirmed as per 10/23/03 entry in e2mis report."

Remarks: "PROBLEM WITH FEEDER. CONTAINED IN MANHOLE. 50 GALS ON 400 GALS OF WATER. CON ED 144758. CLEAN UP PENDING. UNK PCB 50-499 PPM."

Material:

Site ID: 288208
Operable Unit ID: 857018
Operable Unit: 01
Material ID: 519775
Material Code: 0541A
Material Name: dielectric fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

E31
South
< 1/8
0.073 mi.
383 ft.

LOT 90,TAXBLOCK 2349
385 GERARD AVENUE
BRONX, NY 10451
Site 4 of 10 in cluster E

NY E DESIGNATION **S109942799**
N/A

Relative:
Lower

E DESIGNATION:
Tax Lot(s): 90
Tax Block: 2349
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

Actual:
20 ft.

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

E32
South
< 1/8
0.073 mi.
383 ft.

385 GERARD AVE
385 GERARD AVENUE
BRONX, NY 10451
Site 5 of 10 in cluster E

NY AST **A100157589**
 N/A

Relative:
Lower

AST:
 Region: STATE
 DEC Region: 2
 Site Status: Unregulated/Closed
 Facility Id: 2-400319
 Program Type: PBS
 UTM X: 590237.63850
 UTM Y: 4518959.00055
 Expiration Date: N/A
 Site Type: Other

Actual:
20 ft.

Affiliation Records:
 Site Id: 19096
 Affiliation Type: On-Site Operator
 Company Name: 385 GERARD AVE
 Contact Type: Not reported
 Contact Name: DAVID SMITH
 Address1: Not reported
 Address2: Not reported
 City: Not reported
 State: NN
 Zip Code: Not reported
 Country Code: 001
 Phone: (412) 867-0754
 EMail: Not reported
 Fax Number: Not reported
 Modified By: NRLOMBAR
 Date Last Modified: 2015-04-23

Site Id: 19096
 Affiliation Type: Emergency Contact
 Company Name: PUBLIC STORAGE
 Contact Type: Not reported
 Contact Name: DAVID SMITH
 Address1: Not reported
 Address2: Not reported
 City: Not reported
 State: NN
 Zip Code: Not reported
 Country Code: 999
 Phone: (412) 867-0754
 EMail: Not reported
 Fax Number: Not reported
 Modified By: NTFREEMA
 Date Last Modified: 2015-04-01

Site Id: 19096
 Affiliation Type: Mail Contact
 Company Name: PUBLIC STORAGE
 Contact Type: Not reported
 Contact Name: FRANK W. CACCURO
 Address1: 139-A GAITHER DRIVE
 Address2: Not reported
 City: MOUNT LAUREL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

385 GERARD AVE (Continued)

A100157589

State: NJ
Zip Code: 08054
Country Code: 001
Phone: (856) 778-8790 3504
EMail: FCACCURO@PUBLICSTORAGE.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-23

Site Id: 19096
Affiliation Type: Facility Owner
Company Name: 385 GERARD AVE LLC % R SQUARED MGT LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 355 MADISON AVE, 12TH FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10022
Country Code: 001
Phone: (818) 294-8080
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-04-23

Tank Info:

Tank Number: 001
Tank Id: 24609
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 04/10/1941
Capacity Gallons: 10000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/17/2015
Register: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

385 GERARD AVE (Continued)

A100157589

Modified By: NRLOMBAR
Last Modified: 04/23/2015
Material Name: Not reported

E33
South
< 1/8
0.073 mi.
383 ft.

S & S INDUSTRIES INC
385 GERARD AVE
BRONX, NY 10451

RCRA NonGen / NLR
FINDS
ECHO

1000446217
NYD986905537

Site 6 of 10 in cluster E

Relative:
Lower

RCRA NonGen / NLR:

Actual:
20 ft.

Date form received by agency: 01/01/2007
Facility name: SPORT SCREEN INC
Facility address: 385 GERARD AVE
BRONX, NY 10451
EPA ID: NYD986905537
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: SPORT SCREEN INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SPORT SCREEN INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000446217

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: SPORT SCREEN INC
Classification: Not a generator, verified

Date form received by agency: 12/17/1996
Site name: SPORT SCREEN INC
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Date form received by agency: 06/04/1990
Site name: SPORT SCREEN INC
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 11/21/1996
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

FINDS:

Registry ID: 110000322678

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

S & S INDUSTRIES INC (Continued)

1000446217

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.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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

ECHO:

Envid: 1000446217
 Registry ID: 110000322678
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110000322678

E34
South
< 1/8
0.073 mi.
383 ft.

SPORT SCREEN INC
385 GERARD AVE 2ND FLOOR
BRONX, NY 10451

RCRA NonGen / NLR **1000842790**
FINDS **NYD987011434**
ECHO

Site 7 of 10 in cluster E

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
 Facility name: SPORT SCREEN INC
 Facility address: 385 GERARD AVE 2ND FLOOR
 BRONX, NY 104515441
 EPA ID: NYD987011434
 Mailing address: GERARD AVE 2ND FLOOR
 BRONX, NY 10451
 Contact: Not reported
 Contact address: GERARD AVE 2ND FLOOR
 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

Actual:
20 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPORT SCREEN INC (Continued)

1000842790

Owner/Operator Summary:

Owner/operator name: UNKNOWN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: UNKNOWN
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Site name: SPORT SCREEN INC
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: SPORT SCREEN INC
Classification: Not a generator, verified

Date form received by agency: 08/10/1992
Site name: SPORT SCREEN INC
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPORT SCREEN INC (Continued)

1000842790

Evaluation Action Summary:

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

FINDS:

Registry ID: 110004493673

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.

ECHO:

Envid: 1000842790
Registry ID: 110004493673
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004493673

E35
South
< 1/8
0.073 mi.
383 ft.

NORTHEAST LAMP RECYCLING INC
385 GERARD AVE - MAIN FLOOR
BRONX, NY 10451

RCRA NonGen / NLR **1007880968**
NYR000128769

Site 8 of 10 in cluster E

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: NORTHEAST LAMP RECYCLING INC
Facility address: 385 GERARD AVE - MAIN FLOOR
BRONX, NY 10451
EPA ID: NYR000128769
Mailing address: MAIN ST - PO BOX 680
EAST WINDSOR, NY 060880680
Contact: RAYMOND W GRACZYK
Contact address: MAIN ST - PO BOX 680
EAST WINDSOR, NY 060880680
Contact country: US
Contact telephone: (860) 292-1992
Telephone ext.: 104
Contact email: RAY@NLRLAMP.COM
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
20 ft.

Owner/Operator Summary:

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORTHEAST LAMP RECYCLING INC (Continued)

1007880968

Owner/Operator Type: Operator
Owner/Op start date: 11/04/2004
Owner/Op end date: Not reported

Owner/operator name: EDGE MANAGEMENT LLC
Owner/operator address: 5TH AVE
NEW YORK, NY 10017

Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/04/2004
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: NORTHEAST LAMP RECYCLING INC
Classification: Not a generator, verified

Date form received by agency: 11/09/2004
Site name: NORTHEAST LAMP RECYCLING INC
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

E36
South
< 1/8
0.073 mi.
383 ft.

S & S INDUSTRIES INC
385 GERARD AVE
BRONX, NY 10451

RCRA NonGen / NLR **1000130658**
US AIRS **NYD052801990**
NY MANIFEST

Site 9 of 10 in cluster E

Relative:
Lower

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: S & S INDUSTRIES INC
Facility address: 385 GERARD AVE
BRONX, NY 10451

EPA ID: NYD052801990
Mailing address: GERARD AVE
BRONX, NY 10451

Contact: JEROME WESTON
Contact address: GERARD AVE

Actual:
20 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

BRONX, NY 10451
Contact country: US
Contact telephone: (718) 585-1333
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
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

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

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: S & S INDUSTRIES INC
Classification: Not a generator, verified

Date form received by agency: 03/20/1998
Site name: S & S INDUSTRIES, INC.
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Date form received by agency: 03/28/1996
Site name: S & S INDUSTRIES INC
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Site name: S & S INDUSTRIES INC
Classification: Large Quantity Generator

Date form received by agency: 03/01/1992
Site name: S&S INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 03/01/1990
Site name: S & S INDUSTRIES
Classification: Large Quantity Generator

Date form received by agency: 01/19/1981
Site name: S & S INDUSTRIES INC
Classification: Large Quantity Generator

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING:
TETRACHLOROETHYLENE, TRICHLORETHYLENE, 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.

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/07/1999
Date achieved compliance: 03/23/1999
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/23/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 08/11/1993
Date achieved compliance: 03/03/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/11/1993
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/11/1993
Date achieved compliance: 03/03/1994
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/11/1993
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: Generators - General
Date violation determined: 12/23/1987
Date achieved compliance: 03/11/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/02/1988
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: 01/07/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/23/1999
Evaluation lead agency: EPA

Evaluation date: 07/07/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/03/1994
Evaluation lead agency: State

Evaluation date: 07/07/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 03/03/1994
Evaluation lead agency: State

Evaluation date: 12/23/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/11/1988
Evaluation lead agency: State

US AIRS MINOR:

Envid: 1000130658

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Region Code: 02
Programmatic ID: AIR NY0000NY2600400090
Facility Registry ID: 110000322678
D and B Number: Not reported
Primary SIC Code: 3559
NAICS Code: 332618
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 NY0000NY2600400090
Facility Registry ID: 110000322678
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: 1988-06-14 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 NY0000NY2600400090
Facility Registry ID: 110000322678
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: 1991-03-18 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 NY0000NY2600400090
Facility Registry ID: 110000322678
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: 1991-08-22 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 NY0000NY2600400090
Facility Registry ID: 110000322678
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: 1996-10-30 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000NY2600400090
Facility Registry ID: 110000322678
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: 1999-03-25 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 NY0000NY2600400090
Facility Registry ID: 110000322678
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: 1991-08-22 00:00:00
Activity Status Date: 1991-08-22 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

NY MANIFEST:
Country: USA
EPA ID: NYD052801990
Facility Status: Not reported
Location Address 1: 385 GERARD 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: NYD052801990
Mailing Name: S & S INDUSTRIES
Mailing Contact: P. JAMES
Mailing Address 1: 385 GERARD AVENUE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2125851333

NY MANIFEST:
Document ID: NYG1431585
Manifest Status: Not reported
seq: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Year: 1999
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 01/28/1999
Trans1 Recv Date: 01/28/1999
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/03/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD052801990
Trans1 EPA ID: PAD014146179
Trans2 EPA ID: Not reported
TSD ID 1: ALD070513767
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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00990
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 018
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.20

Document ID: NYG1431612
Manifest Status: Not reported
seq: 01
Year: 1999
Trans1 State ID: AB99744PA
Trans2 State ID: PAAH0289
Generator Ship Date: 12/07/1999
Trans1 Recv Date: 12/07/1999
Trans2 Recv Date: 12/15/1999
TSD Site Recv Date: 12/21/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD052801990
Trans1 EPA ID: PAD014146179
Trans2 EPA ID: INT190010397
TSD ID 1: ALD070513767
TSD ID 2: Not reported
Manifest Tracking Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00275
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NYG1431639
Manifest Status: Not reported
seq: 01
Year: 1999
Trans1 State ID: PAAH0056
Trans2 State ID: PAAH0289
Generator Ship Date: 05/20/1999
Trans1 Recv Date: 05/20/1999
Trans2 Recv Date: 05/21/1999
TSD Site Recv Date: 05/26/1999
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD052801990
Trans1 EPA ID: PAD014146179
Trans2 EPA ID: INT190010397
TSD ID 1: ALD070513767
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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Waste Code: Not reported
Waste Code: Not reported
Quantity: 00220
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: INA1305190
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: TAP321
Trans2 State ID: Not reported
Generator Ship Date: 10/20/1998
Trans1 Recv Date: 10/20/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/29/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD052801990
Trans1 EPA ID: NJD986607380
Trans2 EPA ID: Not reported
TSD ID 1: IND000646943
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: D019 - CARBON TETRACHLORIDE 0.5 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 10200
Units: P - Pounds
Number of Containers: 017
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NYG0871137
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: Not reported
Trans2 State ID: VAD040159

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Generator Ship Date: 04/14/1998
Trans1 Recv Date: 04/14/1998
Trans2 Recv Date: 04/15/1998
TSD Site Recv Date: 04/22/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD052801990
Trans1 EPA ID: MOD095038998
Trans2 EPA ID: VAD040159436
TSD ID 1: ALD070513767
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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00605
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 011
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.20

Document ID: NYG0871191
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: MO001
Trans2 State ID: Not reported
Generator Ship Date: 07/23/1998
Trans1 Recv Date: 07/23/1998
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/04/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD052801990
Trans1 EPA ID: MOD095038998
Trans2 EPA ID: Not reported
TSD ID 1: ALD070513767
TSD 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

S & S INDUSTRIES INC (Continued)

1000130658

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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00720
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 013
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.20

Document ID: NYG0871344
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: MO001
Trans2 State ID: VAD040159
Generator Ship Date: 01/16/1998
Trans1 Recv Date: 01/16/1998
Trans2 Recv Date: 01/19/1998
TSD Site Recv Date: 01/28/1998
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD052801990
Trans1 EPA ID: MOD095038998
Trans2 EPA ID: VAD040159436
TSDF ID 1: ALD070513767
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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00880

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 016
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.20

Document ID: NYG0254439
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: 1A375
Trans2 State ID: Not reported
Generator Ship Date: 09/26/1997
Trans1 Recv Date: 09/26/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 10/03/1997
Part A Recv Date: / /
Part B Recv Date: 10/29/1997
Generator EPA ID: NYD052801990
Trans1 EPA ID: NY0000291823
Trans2 EPA ID: Not reported
TSD ID 1: ALD070513767
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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00990
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 018
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: INA1135802
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: T2U841NJ
Trans2 State ID: Not reported
Generator Ship Date: 03/20/1997
Trans1 Recv Date: 03/20/1997
Trans2 Recv Date: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

TSD Site Recv Date: 03/25/1997
Part A Recv Date: 03/28/1997
Part B Recv Date: 04/25/1997
Generator EPA ID: NYD052801990
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSD ID 1: IND000646943
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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00550
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 011
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: ALA0058067
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: Not reported
Trans2 State ID: VAD040158
Generator Ship Date: 11/12/1996
Trans1 Recv Date: 11/12/1996
Trans2 Recv Date: 11/12/1996
TSD Site Recv Date: 11/21/1996
Part A Recv Date: / /
Part B Recv Date: 12/18/1996
Generator EPA ID: NYD052801990
Trans1 EPA ID: MOD095038998
Trans2 EPA ID: VAD040159436
TSD ID 1: ALD070513767
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00770
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 014
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: ALA0048160
Manifest Status: C
seq: Not reported
Year: 1996
Trans1 State ID: HQ32087
Trans2 State ID: VAD040159
Generator Ship Date: 04/04/1996
Trans1 Recv Date: 04/04/1996
Trans2 Recv Date: 04/06/1996
TSD Site Recv Date: 04/09/1996
Part A Recv Date: / /
Part B Recv Date: 04/25/1996
Generator EPA ID: NYD052801990
Trans1 EPA ID: MOD095038998
Trans2 EPA ID: VAD040159436
TSDF ID 1: ALD070513767
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: 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: 00660
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 012
Container Type: DM - Metal drums, barrels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: ALA0047453
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: HQ32092
Trans2 State ID: VAD040159
Generator Ship Date: 01/25/1996
Trans1 Recv Date: 01/25/1996
Trans2 Recv Date: 01/26/1996
TSD Site Recv Date: 02/02/1996
Part A Recv Date: / /
Part B Recv Date: 02/22/1996
Generator EPA ID: NYD052801990
Trans1 EPA ID: MOD095038998
Trans2 EPA ID: VAD040159436
TSDF ID 1: ALD070513767
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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00500
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 010
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: ALA0048828
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: Not reported
Trans2 State ID: VAD040159
Generator Ship Date: 08/22/1996
Trans1 Recv Date: 08/22/1996
Trans2 Recv Date: 08/23/1996
TSD Site Recv Date: 09/03/1996
Part A Recv Date: / /
Part B Recv Date: 10/09/1996

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Generator EPA ID: NYD052801990
Trans1 EPA ID: MOD095038998
Trans2 EPA ID: VAD040159436
TSD ID 1: ALD070513767
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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00440
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 008
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA2086142
Manifest Status: C
seq: Not reported
Year: 1995
Trans1 State ID: 08690
Trans2 State ID: 10342
Generator Ship Date: 06/16/1995
Trans1 Recv Date: 06/16/1995
Trans2 Recv Date: 06/19/1995
TSD Site Recv Date: 06/21/1995
Part A Recv Date: / /
Part B Recv Date: 07/06/1995
Generator EPA ID: NYD052801990
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: NJD000813477
TSD ID 1: NJD002182897
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: F001 - UNKNOWN
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: 03290
Units: P - Pounds
Number of Containers: 007
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA2066586
Manifest Status: C
seq: Not reported
Year: 1995
Trans1 State ID: JA125
Trans2 State ID: Not reported
Generator Ship Date: 02/08/1995
Trans1 Recv Date: 02/08/1995
Trans2 Recv Date: / /
TSD Site Recv Date: 02/08/1995
Part A Recv Date: 02/17/1995
Part B Recv Date: 02/23/1995
Generator EPA ID: NYD052801990
Trans1 EPA ID: NJD047318043
Trans2 EPA ID: Not reported
TSD ID 1: NJD047318043
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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01150
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 023
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Document ID: NJA2032696
Manifest Status: C
seq: Not reported
Year: 1995
Trans1 State ID: JA125
Trans2 State ID: Not reported
Generator Ship Date: 04/25/1995
Trans1 Recv Date: 04/25/1995
Trans2 Recv Date: / /
TSD Site Recv Date: 04/25/1995
Part A Recv Date: 05/04/1995
Part B Recv Date: 05/10/1995
Generator EPA ID: NYD052801990
Trans1 EPA ID: NJD047318043
Trans2 EPA ID: Not reported
TSD ID 1: NJD047318043
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: 00750
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 013
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: ALA0049364
Manifest Status: K
seq: Not reported
Year: 1995
Trans1 State ID: 32096OR
Trans2 State ID: VAD040159
Generator Ship Date: 11/03/1995
Trans1 Recv Date: 11/03/1995
Trans2 Recv Date: 11/08/1995
TSD Site Recv Date: 11/17/1995
Part A Recv Date: / /
Part B Recv Date: 12/13/1995
Generator EPA ID: NYD052801990
Trans1 EPA ID: MOD095038998
Trans2 EPA ID: VAD040159436

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

TSDF ID 1: ALD070513767
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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 01000
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 020
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA1857011
Manifest Status: C
seq: Not reported
Year: 1994
Trans1 State ID: 2809
Trans2 State ID: Not reported
Generator Ship Date: 04/19/1994
Trans1 Recv Date: 04/19/1994
Trans2 Recv Date: / /
TSD Site Recv Date: 04/19/1994
Part A Recv Date: 05/03/1994
Part B Recv Date: 05/02/1994
Generator EPA ID: NYD052801990
Trans1 EPA ID: NJD002454544
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002454544
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: F001 - UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00250
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA1766013
Manifest Status: C
seq: Not reported
Year: 1994
Trans1 State ID: NJDEPES28
Trans2 State ID: Not reported
Generator Ship Date: 01/12/1994
Trans1 Recv Date: 01/12/1994
Trans2 Recv Date: / /
TSD Site Recv Date: 01/12/1994
Part A Recv Date: 01/24/1994
Part B Recv Date: 01/24/1994
Generator EPA ID: NYD052801990
Trans1 EPA ID: NJD002454544
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002454544
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: F001 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00350
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 007
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA1857235
Manifest Status: C
seq: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

S & S INDUSTRIES INC (Continued)

1000130658

Year: 1994
 Trans1 State ID: NJDEPE280
 Trans2 State ID: Not reported
 Generator Ship Date: 06/30/1994
 Trans1 Recv Date: 06/30/1994
 Trans2 Recv Date: / /
 TSD Site Recv Date: 06/30/1994
 Part A Recv Date: 07/11/1994
 Part B Recv Date: 07/13/1994
 Generator EPA ID: NYD052801990
 Trans1 EPA ID: NJD002454544
 Trans2 EPA ID: Not reported
 TSDF ID 1: NJD002454544
 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: F001 - UNKNOWN
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 00900
 Units: G - Gallons (liquids only)* (8.3 pounds)
 Number of Containers: 018
 Container Type: DM - Metal drums, barrels
 Handling Method: R Material recovery of more than 75 percent of the total material.
 Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access
 69 additional NY_MANIFEST: record(s) in the EDR Site Report.

37
 NNE
 < 1/8
 0.074 mi.
 389 ft.

**LOT 34,TAXBLOCK 2350
 500 GERARD AVENUE
 BRONX, NY 10451**

**NY E DESIGNATION S109942467
 N/A**

**Relative:
 Higher**

E DESIGNATION:
 Tax Lot(s): 34
 Tax Block: 2350
 Borough Code: BX
 E-No: E-227
 Effective Date: 6/30/2009
 Satisfaction Date: Not reported
 Ceqr Number: 08DCP071X
 Ulurp Number: 090303ZMX

**Actual:
 23 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 34,TAXBLOCK 2350 (Continued)

S109942467

Zoning Map No: 6a

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems

Lot Remediation Date: Not reported

Description: Exhaust stack location limitations

Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol

Lot Remediation Date: Not reported

**38
East
< 1/8
0.080 mi.
420 ft.**

**CLOSED-LACKOF RECENT INFO
471 WALTON AVE
NEW YORK CITY, NY**

**NY LTANKS S100145072
N/A**

**Relative:
Higher**

LTANKS:
Site ID: 327563
Spill Number/Closed Date: 8800476 / 2003-03-04
Spill Date: 1988-03-31
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: a3
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: ADMIN. CLOSED
Referred To: Not reported
Reported to Dept: 1988-04-14
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1988-04-21
Spill Record Last Update: 2003-03-04
Spiller Name: Not reported
Spiller Company: WIRELESS CABLE NY
Spiller Address: 471 WALTON AVE
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 263690
DEC Memo: ""
Remarks: "3K TANK (OR POSSIBLY 1K TANK) FAILED WITH A LEAK RATE OF -0.5GPH, WILLPUMP OUT TANK, FURTHER ACTION UNKNOWN. CONTACT: CHARLES RAY (212)-665-0426. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS. "

**Actual:
37 ft.**

Material:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLOSED-LACKOF RECENT INFO (Continued)

S100145072

Site ID: 327563
Operable Unit ID: 916101
Operable Unit: 01
Material ID: 459659
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 327563
Spill Tank Test: 1533658
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

G39
SE
< 1/8
0.082 mi.
431 ft.

MANHOLE # 9489
WALTON AVE EAST 144TH ST.
BRONX, NY

NY Spills S106383100
N/A

Site 2 of 4 in cluster G

Relative:
Higher

SPILLS:

Facility ID: 0312991
Facility Type: ER
DER Facility ID: 256867
Site ID: 318657
DEC Region: 2
Spill Date: 2004-02-25
Spill Number/Closed Date: 0312991 / 2004-06-01
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
39 ft.

SWIS: 0301
Investigator: SKARAKHA
Referred To: Not reported
Reported to Dept: 2004-02-25
CID: 406
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHOLE # 9489 (Continued)

S106383100

Remediation Phase: 0
Date Entered In Computer: 2004-02-25
Spill Record Last Update: 2009-10-23
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: RON ELLIOTT
Contact Phone: (212) 580-6763
DEC Memo:

"e2mis 152227 25-Feb-2004 12:08 Oper Superv G.Meiers 14850 reports while on location to inspect MH-9489 associated with Fdrs X0/ Fdr2X12 discovered 1 pint of cable oil on 75 gallons of water. No smoke or fire is/was involved. No sewers, waterways, or private property affected. There is D-fault at that location and the associated feeder(s) need to be deenergized before the cleanup can commence. Env tag 31941 was placed and a pcb sample on DD08222 was placed. Lab Sequence Number: 04-01403-001 PCBs < 1 ppm Flush Mech O.Negron 18400 reports MH-9489 was double washed and rinsed and CFS tanker removed 950 gallons of non-hazardous liquid and will remain on location due to oil and water still coming through the ducts. The flush truck removed 8lbs. of solids to be brought to Hellgate pit for temporary disposal and the tag is still in place until the cable is repaired. The repair in that location is on poly cable and is not the source of the oil. Operating Supervisor Joe McMahon, 14620, reports no oil is coming through ducts, clean water is coming from the ducts, the cable has been repaired, the tanker has been dismissed. There is no sign of source of oil remaining in the strucutre."

Remarks: "One Pint of cable oil was spilled in a manhole. Not sure of the source or cause. Cleanup has not been done at this time."

Material:
Site ID: 318657
Operable Unit ID: 880182
Operable Unit: 01
Material ID: 498162
Material Code: 0020B
Material Name: cable oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
G40 SE < 1/8 0.082 mi. 431 ft.	HOSTOS COMMUNITY COLLEGE WALTON AVE EAST 144TH ST. BRONX, NY Site 3 of 4 in cluster G	NY LTANKS	S106971708 N/A

Relative:
Higher

LTANKS:

Actual:
39 ft.

Site ID: 334360
 Spill Number/Closed Date: 0409591 / 2006-03-14
 Spill Date: 2004-11-27
 Spill Cause: Tank Failure
 Spill Source: Institutional, Educational, Gov., Other
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 2401
 Investigator: TLGIBBON
 Referred To: Not reported
 Reported to Dept: 2004-11-27
 CID: 404
 Water Affected: Not reported
 Spill Notifier: Responsible Party
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 2004-11-29
 Spill Record Last Update: 2006-03-14
 Spiller Name: Not reported
 Spiller Company: HOSTOS COMMUNITY COLLEGE
 Spiller Address: Not reported
 Spiller City,St,Zip: NY
 Spiller County: 999
 Spiller Contact: CRAIG PUERTA
 Spiller Phone: (212) 479-5400
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 269575
 DEC Memo: "1/27/05 TJD Tarek Khouri contacted Demeo on 1/24/05 to obtain status of report review for this site. Report is dated 1/13/05. Although a complete review of the submission had not been completed, a quick phone conference regarding this site took place. Contamination above TAGM has been identified through sampling. Langan proposes to close the tanks in place with no remedial action other than the removal of contaminated soils excavated by hand during the tank closure activities. This approach is proposed due to access constraints at this site. Demeo told Mr. Khouri that a new remedial plan would need to be developed to address the contaminated soil exceeding TAGM. An effort would need to be made to remediate impacted soils in situ prior to considering this site for closure. Mr. Khouri has stated he will discuss this with his client and resubmit a work plan to NYSDEC. 6/8/05 - Project transferrd to TLGibbons in Central Office, Albany 9/14/05 - Spoke with Craig Puerta, Langan Engineering (212-479-5400), contractor to Hostos Comm. College. Said site is a former gas station with two 2,000 gal diesel fuel USTs located on campus, surrounded by four trailers which makes access very difficult. They are looking for funding from DASNY before work begins. Preliminary data shows soils surrounding tank impacted above TAGM. Closing in place not an option

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

S106971708

so remedial work will require significant work to be done by hand to limited access. Spoke with Art Fasilino, CUNY, 212-541-0440, who said that funding has been secured from DASNY (Samir Rimawi, 917-295-5291) and they are waiting on funding from CUNY. He indicated that this project was a low priority. 1/3/06 - Received call from Tarek Khouri, Langan (212-479-5450). Remediation work had begun with tanks being uncovered today. Tanks both filled with water/fuel mixture which was pumped out. Removed concrete above tanks, cut open and cleaned tanks. Cut through bottom of tanks which are resting on concrete. Bore through tank bottom and concrete and encountered bedrock. Bedrock @ 7' bgs. Tanks solid (not leaking) but piping to tanks leaking with stained soil and petroleum odor. Asked Tarek to send pictures of excavation. Pictures showed minor soil impacts, but very little soil on bedrock. Asked Langan to clean up contamination above bedrock and collect end point samples. 2/7/06 - Spoke with Mr. Khouri. Five endpoint samples, and one runoff water sample, were collected. 3/14/06 - Received closure report on 3/13/06. Only one sample showed elevated levels of VOCs, HT03A, primarily 1,2,4 and 1,3,5 trimethylbenzene. Toal VOCs from this sample were 54,348 ug/kg. This sample was collected from the minor soil remaining on top of competent, crystalline bedrock. The tanks were completely removed, all contaminated media was disposed at a permitted facility, and the excavation was backfilled with clean soil. Close spill."

Remarks: "while drilling test holes at the site they found an abandoned tank with soil contamination around the tank."

Material:

Site ID: 334360
 Operable Unit ID: 1096499
 Operable Unit: 01
 Material ID: 576437
 Material Code: 0001A
 Material Name: #2 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: Not reported
 Units: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

H41
SSW
< 1/8
0.085 mi.
449 ft.

**EXTERIOR ST &
 MAJOR DEEGAN EXPRESSWAY
 BRONX, NY**

Site 1 of 7 in cluster H

**NY Spills S104879847
 N/A**

**Relative:
 Lower**

SPILLS:
 Facility ID: 0008417
 Facility Type: ER
 DER Facility ID: 117639
 Site ID: 137498
 DEC Region: 2
 Spill Date: 2000-10-18

**Actual:
 8 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXTERIOR ST & (Continued)

S104879847

Spill Number/Closed Date: 0008417 / 2000-11-02
Spill Cause: Abandoned Drums
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Unknown Responsible Party. Corrective action taken. (ISR)
SWIS: 0301
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2000-10-18
CID: 257
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2000-10-18
Spill Record Last Update: 2002-09-16
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: STANLEY BALDWIN
Contact Phone: (718) 595-4658
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
SANGESLAND No drum found "
Remarks: "65gal drum about 1/3 full "

Material:
Site ID: 137498
Operable Unit ID: 829011
Operable Unit: 01
Material ID: 545925
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

G42
SE
< 1/8
0.085 mi.
449 ft.

ROCCO MANNILIO
149 -56 14TH AVE
QUEENS, NY
Site 4 of 4 in cluster G

NY Spills **S111456554**
N/A

Relative:
Higher

SPILLS:

Facility ID: 1110478
 Facility Type: ER
 DER Facility ID: 412786
 Site ID: 458314
 DEC Region: 2
 Spill Date: 2011-11-23
 Spill Number/Closed Date: 1110478 / 2011-11-28
 Spill Cause: Unknown
 Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.

Actual:
39 ft.

SWIS:

Investigator: SFRAHMAN
 Referred To: Not reported
 Reported to Dept: 2011-11-23
 CID: Not reported
 Water Affected: Not reported
 Spill Source: Private Dwelling
 Spill Notifier: Other
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Trust: False
 Remediation Phase: 0
 Date Entered In Computer: 2011-11-23
 Spill Record Last Update: 2011-11-28
 Spiller Name: Not reported
 Spiller Company: ROCCO MANNILIO
 Spiller Address: 149 -56 14TH AVE
 Spiller City,St,Zip: QUEENS, NY
 Spiller Company: 999
 Contact Name: ROCCO MANNILIO
 Contact Phone: (718) 938-6079
 DEC Memo: "Spoke with Rocco Mannilio. He does not have any tank since he bought the building. Suddenly, he observed petroleum smell in the basement. FD responded. DEP industrial waste, Alex Castro responded and checked the indoor air with his meter and found as non gasoline. Unsure where it was coming from.I advised Mr. Rocco to monitor the smell in the basement and call me back if the smell persists.No call back received.(sr) ** I called Rocco again and he told me that there is no smell in his basement now.He suspect the next door property(construction site)may have problem that caused the smell.***

Remarks:

"called to scene by fd and a heavy odor is evident. Would like call back"

Material:

Site ID: 458314
 Operable Unit ID: 1208436
 Operable Unit: 01
 Material ID: 2205758
 Material Code: 0066A
 Material Name: unknown petroleum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROCCO MANNILIO (Continued)

S111456554

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

Tank Test:

E43
South
< 1/8
0.087 mi.
457 ft.

LOT 110,TAXBLOCK 2344
370 GERARD AVENUE
BRONX, NY 10451
Site 10 of 10 in cluster E

NY E DESIGNATION **S109942188**
N/A

Relative:
Lower

E DESIGNATION:
Tax Lot(s): 110
Tax Block: 2344
Actual:
Borough Code: BX
17 ft. E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

I44
ENE
< 1/8
0.091 mi.
482 ft.

475 WALTON AVENUE
475 WALTON AVENUE
BRONX, NY
Site 1 of 3 in cluster I

NY Spills **S102238646**
N/A

Relative:
Higher

SPILLS:
Facility ID: 9512362
Facility Type: ER
Actual:
DER Facility ID: 82147
36 ft. Site ID: 91133
DEC Region: 2
Spill Date: 1996-01-03
Spill Number/Closed Date: 9512362 / 2003-02-11
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS:
Investigator: 0301
Referred To: TOMASELLO
Reported to Dept: Not reported
CID: 1996-01-03
266
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Fire Department

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

475 WALTON AVENUE (Continued)

S102238646

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: 1996-01-03
Spill Record Last Update: 2003-02-11
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: ""
Remarks: "SPILL FOUND IN ROADWAY IFO HOSTOS COMMUNITY COLLEGE. UNKNOWN SOURCE. NO SEWERS. FIRE DEPARTMENT ON SCENE. NYC DEP NOTIFIED AND RESPONDING."
Not reported

Material:
Site ID: 91133
Operable Unit ID: 1023461
Operable Unit: 01
Material ID: 356111
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 30.00
Units: Gallons
Recovered: 30.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

H45
SSW
< 1/8
0.093 mi.
491 ft.

ATLANTIC EXPRESS - EXTERIOR STREET
399 EXTERIOR ST
BRONX, NY 10451
Site 2 of 7 in cluster H

NY Spills S106969386
NY SPDES N/A

Relative:
Lower

SPILLS:
Facility ID: 0503991
Facility Type: ER
Actual: DER Facility ID: 295131
9 ft. Site ID: 348703
DEC Region: 2
Spill Date: 2005-07-05
Spill Number/Closed Date: 0503991 / 2005-07-06
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: SFRAHMAN
Referred To: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATLANTIC EXPRESS - EXTERIOR STREET (Continued)

S106969386

Reported to Dept: 2005-07-05
CID: 27
Water Affected: Not reported
Spill Source: Commercial Vehicle
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2005-07-05
Spill Record Last Update: 2005-07-11
Spiller Name: BARRY PANICOLA
Spiller Company: SPRAGUE ENERGY
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: MARCUS
Contact Phone: Not reported
DEC Memo: "07/06/05-SR// SPoke with Barry panicola- he said it was cleaned up. Nothing went to sewer/soil. received manifest for Non_Hazardous waste."
Remarks: "Caller reports a delivery fitting off the a tank popped off. Truck driver had stopped pumping. Spill was onto concrete. Callers company is cleaning up the spill."

Material:
Site ID: 348703
Operable Unit ID: 1106354
Operable Unit: 01
Material ID: 1971278
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: Gallons
Recovered: 5.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPDES:

Permit Number: NYR00F010
State-Region: 02
Expiration Date: 09/30/2017
Current Major Minor Status: Minor
Primary Facility SIC Code: 4151
State Water Body Name: HARLEM RIVER
Limit Set Status Flag: Active
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATLANTIC EXPRESS - EXTERIOR STREET (Continued)

S106969386

Lat/Long: +40.817 / -73.931
DMR Cognizant Official: Not reported
UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY005

Non-Gov Permit Affiliation Type Desc: Billing
Non-Gov Permit Org Formal Name: ANTHONY BORSELLINO
Non-Gov Permit Street Address: 46-81 METROPOLITAN AVE
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: RIDGEWOOD
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 11385
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: AMBOY BUS CO IN DBA ATLANTIC EXPRESS
Non-Gov Facility Street Address: ATLANTIC EXPRESS - EXTERIOR STREET
Non-Gov Facility Supplemental Location: 7 NORTH ST
Non-Gov Facility City: STATEN ISLAND
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10302
State Water Body: Not reported

UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY005

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: ANTHONY BORSELLINO
Non-Gov Permit Street Address: ATLANTIC EXPRESS - EXTERIOR STREET
Non-Gov Permit Supplemental Location: 46-81 METROPOLITAN AVE
Non-Gov Permit City: RIDGEWOOD
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 11385
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: AMBOY BUS CO IN DBA ATLANTIC EXPRESS
Non-Gov Facility Street Address: ATLANTIC EXPRESS - EXTERIOR STREET
Non-Gov Facility Supplemental Location: 7 NORTH ST
Non-Gov Facility City: STATEN ISLAND
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10302
State Water Body: Not reported

UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY005

Non-Gov Permit Affiliation Type Desc: Permittee
Non-Gov Permit Org Formal Name: AMBOY BUS CO INC DBA ATLANTIC EXPRESS
Non-Gov Permit Street Address: 7 NORTH ST
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: STATEN ISLAND
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 10302
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: AMBOY BUS CO IN DBA ATLANTIC EXPRESS
Non-Gov Facility Street Address: ATLANTIC EXPRESS - EXTERIOR STREET
Non-Gov Facility Supplemental Location: 7 NORTH ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATLANTIC EXPRESS - EXTERIOR STREET (Continued)

S106969386

Non-Gov Facility City: STATEN ISLAND
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10302
State Water Body: Not reported

UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY005

Non-Gov Permit Affiliation Type Desc: Not reported
Non-Gov Permit Org Formal Name: Not reported
Non-Gov Permit Street Address: Not reported
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: Not reported
Non-Gov Permit State Code: Not reported
Non-Gov Permit Zip Code: Not reported
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: AMBOY BUS CO IN DBA ATLANTIC EXPRESS
Non-Gov Facility Street Address: ATLANTIC EXPRESS - EXTERIOR STREET
Non-Gov Facility Supplemental Location: 7 NORTH ST
Non-Gov Facility City: STATEN ISLAND
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10302
State Water Body: Not reported

H46
SSW
< 1/8
0.093 mi.
491 ft.

MONTAUK STUDENT TRANSPORT
399 EXTERIOR STREET
BRONX, NY 10451

NY UST **U004063535**
N/A

Site 3 of 7 in cluster H

Relative:
Lower

UST:
Id/Status: 2-508675 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 01/09/2016
UTM X: 590161.81242
UTM Y: 4518927.17708
Site Type: Trucking/Transportation/Fleet Operation

Actual:
9 ft.

Affiliation Records:
Site Id: 21702
Affiliation Type: Mail Contact
Company Name: MOUNTAIN STUDENT TRANSPORT LLC
Contact Type: Not reported
Contact Name: BRIAN LAMBERSON
Address1: 3603 HORSEBLOCK ROAD
Address2: Not reported
City: MEDFORD
State: NY
Zip Code: 11763
Country Code: 001
Phone: (631) 402-3175 206
EMail: MEDFORDPARTS@EASTENDBUS.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONTAUK STUDENT TRANSPORT (Continued)

U004063535

Site Id: 21702
Affiliation Type: On-Site Operator
Company Name: MONTAUK STUDENT TRANSPORT
Contact Type: Not reported
Contact Name: ANTHONY RODRIGUEZ, BRIAN LAMBERSON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 327-3100
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Site Id: 21702
Affiliation Type: Emergency Contact
Company Name: 399 EXTERIOR STREET ASSOCIATES LLC
Contact Type: Not reported
Contact Name: BRIAN LAMBERSON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (631) 402-3175
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Site Id: 21702
Affiliation Type: Facility Owner
Company Name: 399 EXTERIOR STREET ASSOCIATES LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 119 WEST 57TH STREET, PENTHOUSE SOUTH
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 227-7518
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Tank Info:

Tank Number: 001
Tank ID: 39447
Tank Status: In Service
Material Name: In Service

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONTAUK STUDENT TRANSPORT (Continued)

U004063535

Capacity Gallons: 4000
Install Date: 02/01/1998
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: 05/05/2011
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: BKFALVEY
Last Modified: 05/16/2011

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
I03 - Overfill - Automatic Shut-Off
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)
B01 - Tank External Protection - Painted/Asphalt Coating
F06 - Pipe External Protection - Wrapped
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
F02 - Pipe External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
D02 - Pipe Type - Galvanized Steel

Tank Number: 002
Tank ID: 39448
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 02/01/1998
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: 05/05/2011
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 10/29/2014

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MONTAUK STUDENT TRANSPORT (Continued)

U004063535

- I02 - Overflow - High Level Alarm
- I03 - Overflow - Automatic Shut-Off
- L09 - Piping Leak Detection - Exempt Suction Piping
- B02 - Tank External Protection - Original Sacrificial Anode
- D02 - Pipe Type - Galvanized Steel
- E00 - Piping Secondary Containment - None
- F02 - Pipe External Protection - Original Sacrificial Anode
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- B01 - Tank External Protection - Painted/Asphalt Coating
- F06 - Pipe External Protection - Wrapped
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- H05 - Tank Leak Detection - In-Tank System (ATG)
- G04 - Tank Secondary Containment - Double-Walled (Underground)

H47
SSW
 < 1/8
 0.093 mi.
 491 ft.

LOT 100,TAXBLOCK 2349
399 EXTERIOR STREET
BRONX, NY 10451
 Site 4 of 7 in cluster H

NY E DESIGNATION S117675819
N/A

Relative:
Lower

Actual:
9 ft.

E DESIGNATION:
 Tax Lot(s): 100
 Tax Block: 2349
 Borough Code: BX
 E-No: E-227
 Effective Date: 6/30/2009
 Satisfaction Date: Not reported
 Ceqr Number: 08DCP071X
 Ulurp Number: 090303ZMX
 Zoning Map No: 6a

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
 Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
 Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
 Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
 Lot Remediation Date: Not reported

H48
SSW
 < 1/8
 0.093 mi.
 491 ft.

MONTAUK STUDENT TRANSPORT
399 EXTERIOR STREET
BRONX, NY 10451
 Site 5 of 7 in cluster H

NY AST U000411469
N/A

Relative:
Lower

Actual:
9 ft.

AST:
 Region: STATE
 DEC Region: 2
 Site Status: Active
 Facility Id: 2-508675

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONTAUK STUDENT TRANSPORT (Continued)

U000411469

Program Type: PBS
UTM X: 590161.81242
UTM Y: 4518927.17708
Expiration Date: 01/09/2016
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id: 21702
Affiliation Type: Mail Contact
Company Name: MOUNTAIN STUDENT TRANSPORT LLC
Contact Type: Not reported
Contact Name: BRIAN LAMBERSON
Address1: 3603 HORSEBLOCK ROAD
Address2: Not reported
City: MEDFORD
State: NY
Zip Code: 11763
Country Code: 001
Phone: (631) 402-3175 206
EMail: MEDFORDPARTS@EASTENDBUS.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Site Id: 21702
Affiliation Type: On-Site Operator
Company Name: MONTAUK STUDENT TRANSPORT
Contact Type: Not reported
Contact Name: ANTHONY RODRIGUEZ, BRIAN LAMBERSON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 327-3100
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Site Id: 21702
Affiliation Type: Emergency Contact
Company Name: 399 EXTERIOR STREET ASSOCIATES LLC
Contact Type: Not reported
Contact Name: BRIAN LAMBERSON
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (631) 402-3175
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONTAUK STUDENT TRANSPORT (Continued)

U000411469

Site Id: 21702
Affiliation Type: Facility Owner
Company Name: 399 EXTERIOR STREET ASSOCIATES LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 119 WEST 57TH STREET, PENTHOUSE SOUTH
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 227-7518
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-10-29

Tank Info:

Tank Number: 003
Tank Id: 53242
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

C00 - Pipe Location - No Piping
E09 - Piping Secondary Containment - Modified Double-Walled (Aboveground)
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1990
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/2002
Register: True
Modified By: NRLOMBAR
Last Modified: 09/28/2004
Material Name: Not reported

Tank Number: 004
Tank Id: 53243
Material Code: 0013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONTAUK STUDENT TRANSPORT (Continued)

U000411469

Common Name of Substance: Lube Oil

Equipment Records:

D00 - Pipe Type - No Piping
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
E09 - Piping Secondary Containment - Modified Double-Walled
(Aboveground)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1990
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/2002
Register: True
Modified By: NRLOMBAR
Last Modified: 09/28/2004
Material Name: Not reported

Tank Number: 005
Tank Id: 53244
Material Code: 9999
Common Name of Substance: Other

Equipment Records:

I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
E09 - Piping Secondary Containment - Modified Double-Walled
(Aboveground)
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 12/01/1990
Capacity Gallons: 275
Tightness Test Method: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONTAUK STUDENT TRANSPORT (Continued)

U000411469

Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/01/2002
Register: True
Modified By: NRLOMBAR
Last Modified: 09/28/2004
Material Name: Not reported

Tank Number: 006
Tank Id: 180248
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:

A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None
D10 - Pipe Type - Copper
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 07/01/2002
Capacity Gallons: 700
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: 04/28/2011
Material Name: Not reported

Tank Number: 007
Tank Id: 180249
Material Code: 0015
Common Name of Substance: Motor Oil

Equipment Records:

A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
G09 - Tank Secondary Containment - Modified Double-Walled

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONTAUK STUDENT TRANSPORT (Continued)

U000411469

(Aboveground)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
D10 - Pipe Type - Copper
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 07/01/2002
Capacity Gallons: 700
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: 04/28/2011
Material Name: Not reported

Tank Number: 008
Tank Id: 180250
Material Code: 0021
Common Name of Substance: Transmission Fluid

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
C00 - Pipe Location - No Piping
B01 - Tank External Protection - Painted/Asphalt Coating
G01 - Tank Secondary Containment - Diking (Aboveground)
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 07/01/2002
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: NRLOMBAR
Last Modified: 10/29/2014
Material Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONTAUK STUDENT TRANSPORT (Continued)

U000411469

Tank Number: 009
Tank Id: 180251
Material Code: 0021
Common Name of Substance: Transmission Fluid

Equipment Records:

A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
B01 - Tank External Protection - Painted/Asphalt Coating
G01 - Tank Secondary Containment - Diking (Aboveground)
H00 - Tank Leak Detection - None
D10 - Pipe Type - Copper
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 07/01/2002
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: NRLOMBAR
Last Modified: 10/29/2014
Material Name: Not reported

I49
ENE
< 1/8
0.095 mi.
499 ft.

LOT 63,TAXBLOCK 2350
479 WALTON AVENUE
BRONX, NY 10451

NY E DESIGNATION **S109942730**
N/A

Site 2 of 3 in cluster I

Relative:
Higher

E DESIGNATION:
Tax Lot(s): 63
Tax Block: 2350
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

Actual:
35 ft.

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 63,TAXBLOCK 2350 (Continued)

S109942730

Description: Exhaust stack location limitations
 Lot Remediation Date: Not reported

150
ENE
< 1/8
0.095 mi.
499 ft.

MTA NYCT - PUMP ROOM 3213
479 WALTON AVE
BRONX, NY 10451

RCRA-SQG 1016974986
NYR000214460

Site 3 of 3 in cluster I

Relative:
Higher

RCRA-SQG:

Actual:
35 ft.

Date form received by agency: 11/06/2014
 Facility name: MTA NYCT - PUMP ROOM 3213
 Facility address: 479 WALTON AVE
 BRONX, NY 10451
 EPA ID: NYR000214460
 Mailing address: BROADWAY 5TH FL 503
 NEW YORK, NY 10004
 Contact: GERALD LEZEAU
 Contact address: BROADWAY 5TH FL 503
 NEW YORK, NY 10004
 Contact country: US
 Contact telephone: (646) 252-3535
 Contact email: GERALD.LEZEAU@NYCT.COM
 EPA Region: 02
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MTA NYCT
 Owner/operator address: Not reported
 Not reported
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Legal status: State
 Owner/Operator Type: Owner
 Owner/Op start date: 03/01/1968
 Owner/Op end date: Not reported

Owner/operator name: MTA NYCT
 Owner/operator address: Not reported
 Not reported
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Legal status: State
 Owner/Operator Type: Operator
 Owner/Op start date: 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MTA NYCT - PUMP ROOM 3213 (Continued)

1016974986

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

H51
SSW
 < 1/8
 0.108 mi.
 571 ft.

LOT 46,TAXBLOCK 2349
355 EXTERIOR STREET
BRONX, NY 10451
Site 6 of 7 in cluster H

NY E DESIGNATION S117676351
N/A

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 46
 Tax Block: 2349
 Borough Code: BX
 E-No: E-227
 Effective Date: 6/30/2009
 Satisfaction Date: Not reported
 Ceqr Number: 08DCP071X
 Ulurp Number: 090303ZMX
 Zoning Map No: 6a

Actual:
10 ft.

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
 Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
 Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
 Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
 Lot Remediation Date: Not reported

H52
SSW
 < 1/8
 0.108 mi.
 571 ft.

CONSOLIDATED EDISON
355 EXTERIOR ST OPEXCAV
BRONX, NY
Site 7 of 7 in cluster H

NY MANIFEST 1009243206
N/A

Relative:
Lower

NY MANIFEST:
 Country: USA
 EPA ID: NYP004125738
 Facility Status: Not reported

Actual:
10 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

1009243206

Location Address 1: 355 EXTERIOR ST OPEXCAV
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: NYP004125738
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
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: 2124602808

NY MANIFEST:

Document ID: NYE1582803
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: 12446JT
Trans2 State ID: Not reported
Generator Ship Date: 10/18/2004
Trans1 Recv Date: 10/18/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/20/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004125738
Trans1 EPA ID: NYD006982359
Trans2 EPA ID: Not reported
TSD ID 1: NYD077444
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: D018 - BENZENE 0.5 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

1009243206

Waste Code: Not reported
Quantity: 00055
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: 01.00

**J53
ESE
< 1/8
0.108 mi.
572 ft.**

**PUBLIC SCHOOL 31 - BRONX
425 GRAND CONCOURSE
BRONX, NY 10451
Site 1 of 4 in cluster J**

**NY AST U004077572
N/A**

**Relative:
Higher**

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-351555
Program Type: PBS
UTM X: 590439.97771
UTM Y: 4518976.92846
Expiration Date: N/A
Site Type: School

**Actual:
39 ft.**

Affiliation Records:
Site Id: 17363
Affiliation Type: On-Site Operator
Company Name: PUBLIC SCHOOL 31 - BRONX
Contact Type: Not reported
Contact Name: PLANT OPERATIONS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 349-5400
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 17363
Affiliation Type: Emergency Contact
Company Name: NYC DEPT OF CITYWIDE ADMINISTRATIVE SERVICES
Contact Type: Not reported
Contact Name: DARIO VALQUEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 669-7244
EMail: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 31 - BRONX (Continued)

U004077572

Modified By: KAKYER
Date Last Modified: 2013-09-27

Site Id: 17363
Affiliation Type: Mail Contact
Company Name: NYC DEPT OF CITYWIDE
Contact Type: Not reported
Contact Name: JOSEPH WAGNER
Address1: ADMIN SERVICES
Address2: 1 CENTRE ST 20TH FL SOUTH
City: NEW YORK
State: NY
Zip Code: 10007
Country Code: 001
Phone: (212) 669-4890
EMail: JWAGNER@DCAS.NYC.GOV
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2013-09-27

Site Id: 17363
Affiliation Type: Facility Owner
Company Name: NYC DEPT OF CITYWIDE ADMINISTRATIVE SERVICES
Contact Type: Not reported
Contact Name: Not reported
Address1: 1 CENTRE ST 20TH FL SOUTH
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10007
Country Code: 001
Phone: (212) 386-0481
EMail: Not reported
Fax Number: Not reported
Modified By: HDDUPIGN
Date Last Modified: 2016-01-12

Tank Info:

Tank Number: 001
Tank Id: 34032
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
G02 - Tank Secondary Containment - Vault (w/access)
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PUBLIC SCHOOL 31 - BRONX (Continued)

U004077572

I04 - Overfill - Product Level Gauge (A/G)
 Tank Location: 6
 Tank Type: Steel/Carbon Steel/Iron
 Tank Status: Closed - Removed
 Pipe Model: Not reported
 Install Date: 01/01/1957
 Capacity Gallons: 10000
 Tightness Test Method: NN
 Date Test: Not reported
 Next Test Date: Not reported
 Date Tank Closed: 07/31/2015
 Register: True
 Modified By: HDDUPIGN
 Last Modified: 01/12/2016
 Material Name: Not reported

**J54
 ESE
 < 1/8
 0.108 mi.
 572 ft.**

**P.S. 31
 425 GRAND CONCOURSE
 BRONX, NY 10451
 Site 2 of 4 in cluster J**

**NY HIST AST U000418063
 NY Spills N/A**

**Relative:
 Higher**

HIST AST:

PBS Number: 2-351555
 SWIS Code: 6001
 Operator: PLANT OPERATION
 Facility Phone: (718) 391-6000
 Facility Addr2: 425 GRAND CONCOURSE
 Facility Type: SCHOOL
 Emergency: SCHOOL SAFETY
 Emergency Tel: (212) 979-3300
 Old PBSNO: Not reported
 Date Inspected: Not reported
 Inspector: Not reported
 Result of Inspection: Not reported
 Owner Name: CITY OF NEW YORK C/O BOARD OF EDUCATION
 Owner Address: 28-11 QUEENS PLAZA NORTH
 Owner City,St,Zip: LONG ISLAND CITY, NY 11101
 Federal ID: Not reported
 Owner Tel: (718) 391-6832
 Owner Type: Local Government
 Owner Subtype: Not reported
 Mailing Contact: FRANK CARDELLO NTROL
 Mailing Name: BOARD OF EDUCATION
 Mailing Address: 28-11 QUEENS PLAZA NORTH
 Mailing Address 2: 5 FLOOR
 Mailing City,St,Zip: LONG ISLAND CITY, NY 11101
 Mailing Telephone: (718) 391-6832
 Owner Mark: First Owner
 Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
 Certification Flag: False
 Certification Date: 09/25/1998
 Expiration: 06/08/2003
 Renew Flag: False
 Renew Date: Not reported
 Total Capacity: 10000

**Actual:
 39 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P.S. 31 (Continued)

U000418063

FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: UNDERGROUND, VAULTED, WITH ACCESS
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 10000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: Diking
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

SPILLS:

Facility ID: 0706095
Facility Type: ER
DER Facility ID: 335935
Site ID: 386548
DEC Region: 2
Spill Date: 2007-08-29
Spill Number/Closed Date: 0706095 / 2008-01-28
Spill Cause: Vandalism
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: rmpiper
Referred To: Not reported
Reported to Dept: 2007-08-29
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P.S. 31 (Continued)

U000418063

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: 2007-08-29
Spill Record Last Update: 2008-01-28
Spiller Name: MIKE
Spiller Company: FORMER SCHOOL PS31X
Spiller Address: 425 GRAND CONCOURSE
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: MIKE
Contact Phone: (212) 614-3369
DEC Memo: "Sangesland spoke to Mike at STV Inc. (consultant to NYC School Construction Authority). Old abandoned school. Vandels have taken copper wires and pipes out of the building. Some oil contamination in a 2 ft x 2 ft pit in the basement floor. Tank was still intact with oil in the tank. Consultant hired by School Construction Fund will drain the tank, clean the basement floor (power wash) and will dig out the pit location, do end point samples. Unknown if the city will renovate the building or knock it down and rebuild. 10/2/07- DEC piper left message for mike req callback and info. 1/28/07- Piper reviewed closure report. As per report, spill was due to vandalism. Contractor cleaned floor and excavated area of concern. Endpoints revealed low level svoc's in one location. All others below TAGM or clean. This spill is closed. see e-docs if warranted."
Remarks: "CONTRACTORS NOTICED THAT SCAVENGERS STRIPPED THE COPPER OUT OF BUILDING AND THE CONTENTS WENT ON THE FLOOR: THERE IS A 2X2 HOLE IN FLOOR AND IT ALSO WENT DOWN THERE"
Material:
Site ID: 386548
Operable Unit ID: 1143787
Operable Unit: 01
Material ID: 2134055
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 15.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

MAP FINDINGS

Map ID Direction Distance Elevation		Database(s)	EDR ID Number EPA ID Number
--	--	-------------	--------------------------------

K55
North
< 1/8
0.109 mi.
575 ft.

PHASE 2
110 EAST 149TH STREET
BRONX, NY

Site 1 of 4 in cluster K

NY Spills **S117363725**
N/A

Relative:
Lower

SPILLS:

Facility ID:	1407530
Facility Type:	ER
DER Facility ID:	456059
Site ID:	501049
DEC Region:	2
Spill Date:	2014-10-21
Spill Number/Closed Date:	1407530 / Not Reported
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	0301
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2014-10-21
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:	1
Date Entered In Computer:	2014-10-21
Spill Record Last Update:	2016-03-30
Spiller Name:	Not reported
Spiller Company:	RIVER AVE MANAGEMENT
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	STEVEN FRANK
Contact Phone:	(718) 321-3136 236
DEC Memo:	"10/21/2014 - Feng - Duty Desk Officer. Talked to Steven Frank of LIRO Engineering (718-321-3136 x236, franks@liro.com). This is an E-Designation site and in the planning stage to develop into affordable housing and a hotel. The site owner is currently working with NYCOER. The NYCOER has approved the RIWP and a Phase 2 has been done. A total of 5 soil borings have been installed onsite, i.e. in 2 corners and soil and groundwater were sampled. Petroleum contamination has been identified at the boarder line near next door property. Mainly BTEX with highest of xylenes were found in the soil samples. According to the Phase 1 conducted by previous consultant, the site has been used for warehouse, lumber yard, and heating oil tank in the other portion of the site, but the soil boring results did not indicate petroleum impacts in this area. The above mentioned Phase 1 did indicate that the next door property 100 East 149th Street was a filling station and they suspected it is the source of the petroleum impact at 110 East 149th Street. The demolish of the onsite warehouse might occur in Spring 2015. There is no schedule for the development. Next, they will submit the investigation report to OER and DEC. 3/30/2016 Feng - This spill is transferred from J. Feng to J. Vought as per J. Vought. "

Actual:
8 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PHASE 2 (Continued)

S117363725

Remarks: "CALLER ADVISED RECEIVED PHASE 2 RESULTS SHOWING UNKNOWN PETROLEUM IN THE SOIL"

Material:

Site ID: 501049
Operable Unit ID: 1250450
Operable Unit: 01
Material ID: 2252190
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

K56
NNE
< 1/8
0.110 mi.
582 ft.

LOT 25,TAXBLOCK 2351
110 EAST 149 STREET
BRONX, NY 10451
Site 2 of 4 in cluster K

NY E DESIGNATION S109942371
N/A

Relative:
Lower

E DESIGNATION:
Tax Lot(s): 25
Tax Block: 2351
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

Actual:
10 ft.

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
Lot Remediation Date: Not reported
Description: Exhaust stack location limitations
Lot Remediation Date: Not reported
Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

K57
North
< 1/8
0.112 mi.
593 ft.

LOT 35,TAXBLOCK 2351
100 EAST 149 STREET
BRONX, NY 10451
Site 3 of 4 in cluster K

NY E DESIGNATION

S109942478
N/A

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 35
 Tax Block: 2351
 Borough Code: BX
 E-No: E-227
 Effective Date: 6/30/2009
 Satisfaction Date: Not reported
 Ceqr Number: 08DCP071X
 Ulurp Number: 090303ZMX
 Zoning Map No: 6a

Actual:
7 ft.

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
 Lot Remediation Date: Not reported

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
 Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
 Lot Remediation Date: Not reported

L58
SSE
< 1/8
0.115 mi.
606 ft.

U-HAUL CO OF METRO NY
368 WALTON AVENUE
BRONX, NY 10451
Site 1 of 4 in cluster L

NY UST
NY HIST UST

U000416592
N/A

Relative:
Higher

UST:
 Id/Status: 2-084042 / Unregulated/Closed
 Program Type: PBS
 Region: STATE
 DEC Region: 2
 Expiration Date: N/A
 UTM X: 590320.04772
 UTM Y: 4518887.14960
 Site Type: Other

Actual:
35 ft.

Affiliation Records:
 Site Id: 1923
 Affiliation Type: Emergency Contact
 Company Name: U-HAUL CO OF METRO NEW YORK
 Contact Type: Not reported
 Contact Name: WILLIAM NEWTON
 Address1: Not reported
 Address2: Not reported
 City: Not reported
 State: NN
 Zip Code: Not reported
 Country Code: 001
 Phone: (718) 562-8700
 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

U-HAUL CO OF METRO NY (Continued)

U000416592

Site Id: 1923
Affiliation Type: Facility Owner
Company Name: U-HAUL CO OF METRO NEW YORK
Contact Type: Not reported
Contact Name: Not reported
Address1: 230 WEST 230TH STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10463-9998
Country Code: 001
Phone: (212) 562-8700
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1923
Affiliation Type: Mail Contact
Company Name: U-HAUL CO OF METRO NEW YORK
Contact Type: Not reported
Contact Name: SUPER FACILITY MANAGER
Address1: 368 WALTON AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 402-9688
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1923
Affiliation Type: On-Site Operator
Company Name: U-HAUL CO OF METRO NY
Contact Type: Not reported
Contact Name: JUANITA GILES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 402-9688
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 3174
Tank Status: Closed - In Place
Material Name: Closed - In Place

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL CO OF METRO NY (Continued)

U000416592

Capacity Gallons: 4000
Install Date: Not reported
Date Tank Closed: 06/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 01/01/1994
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
D00 - Pipe Type - No Piping

HIST UST:

PBS Number: 2-084042
SPDES Number: Not reported
Emergency Contact: WILLIAM NEWTON
Emergency Telephone: (718) 562-8700
Operator: JUANITA GILES
Operator Telephone: (718) 402-9688
Owner Name: U-HAUL CO OF METRO NEW YORK
Owner Address: 230 WEST 230TH STREET
Owner City,St,Zip: BRONX, NY 10463-9998
Owner Telephone: (212) 562-8700
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: U-HAUL CO OF METRO NEW YORK
Mailing Address: 368 WALTON AVENUE
Mailing Address 2: Not reported
Mailing City,St,Zip: BRONX, NY 10451
Mailing Contact: SUPER FACILITY MANAGER
Mailing Telephone: (718) 402-9688
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2: 368 WALTON AVENUE
SWIS ID: 6001
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL CO OF METRO NY (Continued)

U000416592

Certification Date: 12/14/1993
Expiration Date: 03/24/1997
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: Not reported
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Not reported
Dispenser: Gravity
Date Tested: 01/01/1994
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 06/01/1997
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

**L59
SSE
< 1/8
0.115 mi.
606 ft.**

**U HAUL #803-68
368 WALTON AVE
BRONX, NY
Site 2 of 4 in cluster L**

**NY Spills S104952744
N/A**

**Relative:
Higher**

SPILLS:

**Actual:
35 ft.**

Facility ID: 0012172
Facility Type: ER
DER Facility ID: 171834
Site ID: 207038
DEC Region: 2
Spill Date: 2000-10-23
Spill Number/Closed Date: 0012172 / 2003-06-30
Spill Cause: Unknown
Spill Class: Known release that creates potential for fire or hazard. DEC Response.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U HAUL #803-68 (Continued)

S104952744

Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2001-02-12
CID: 281
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: 2001-02-12
Spill Record Last Update: 2003-06-30
Spiller Name: REID RINER
Spiller Company: U-HAUL
Spiller Address: 368 WALTON AVE
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: REID RINER
Contact Phone: (602) 263-6647
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 6/30/03 TIPPLE UPDATING// SEE SPILL # 93-07897"
Remarks: "SOIL AND GROUNDWATER SAMPLES FROM ABOVE LOCATION REVEAL CONTAMINATION. CALLER HAS SPOKEN TO REGIONAL OFFICE 2 AND WILL FOLLOW UP WITH THEM."

Material:
Site ID: 207038
Operable Unit ID: 833548
Operable Unit: 01
Material ID: 542452
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9307897
Facility Type: ER
DER Facility ID: 159916
Site ID: 191735
DEC Region: 2
Spill Date: 1993-08-06
Spill Number/Closed Date: 9307897 / 2002-04-10
Spill Cause: Housekeeping
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U HAUL #803-68 (Continued)

S104952744

Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 1993-09-29
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: DEC
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: 1993-09-29
Spill Record Last Update: 2003-06-30
Spiller Name: Not reported
Spiller Company: U-HAUL
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 4/10/2002 - Mr. Levent Eskicakit at ATC (212-353-8280) submitted a Site Closure Letter (with backup data) in October 2000. Sangesland requested additional rounds of groundwater sampling which was done in Feb 2001, Sept 2001 and January 2002. Samples were taken from 3 wells (MW1, MW2, MW3) The results showed continued declines in BTEX and MTBE levels over time. Samples from the three wells from Feb 2001, Sept 2001 and Jan 2002 all show non-detect for BTEX. In only the Feb 2001 sample there were trace levels of a couple of VOC's, but these were all non-detect by the Sept 2001 sampling. MTBE levels in MW1 have dropped over these last three sampling cycles from 458 (ug/l) to 199 and finally to 138 (Jan 2002) MTBE levels in MW2 have been trace (<5 ug/l) for this period. MTBE levels in MW3 were trace and are now non-detect. Based on this information, the NYSDEC is closing this site out with a No Further Action letter. The only exceedance of state standards at this time is for MTBE in MW1. Based on the historical data, the NYSDEC believes this value will attenuate over time."

Remarks: "SITE DISABLED / JUNK VEHICLES."

Material:
Site ID: 191735
Operable Unit ID: 989092
Operable Unit: 01
Material ID: 394149
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U HAUL #803-68 (Continued)

S104952744

Tank Test:

M60
SSW
< 1/8
0.115 mi.
607 ft.

GAINES LEASING CORP
325 EXTERIA ST
BRONX, NY 10451
Site 1 of 4 in cluster M

NY TANKS 1000313559
NY HIST UST NYD982271272
NY HIST AST
RCRA NonGen / NLR
FINDS
ECHO

Relative:
Lower

TANKS:

Actual:
10 ft.

Facility Id: 2-602947
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 02/16/2019
UTM X: 590155.36234
UTM Y: 4518780.75321

HIST UST:

PBS Number: 2-602947
SPDES Number: Not reported
Emergency Contact: BELL ATLANTIC
Emergency Telephone: (800) 386-9639
Operator: BELL ATLANTIC
Operator Telephone: (800) 339-6144
Owner Name: BELL ATLANTIC
Owner Address: 221 EAST 37TH STREET
Owner City,St,Zip: NEW YORK, NY 10016
Owner Telephone: (800) 339-6144
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: BELL ATLANTIC
Mailing Address: 221 EAST 37TH STREET, 4TH FLOOR
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10016
Mailing Contact: MS. KATHLEEN TOBIN
Mailing Telephone: (212) 338-6731
Owner Mark: Second Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: Not reported
SWIS ID: 6001
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 05/27/1999
Expiration Date: 02/16/2004
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 5280

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAINES LEASING CORP (Continued)

1000313559

FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City: 01
Region: 2

Tank Id: 001
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: 03/01/1987
Capacity (gals): 4000
Product Stored: UNLEADED GASOLINE
Tank Type: Fiberglass reinforced plastic [FRP]
Tank Internal: Fiberglass Liner (FRP)
Tank External: Fiberglass
Pipe Location: Underground
Pipe Type: STAINLESS STEEL ALLOY
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: Fiberglass
Second Containment: Vault (w/access)
Leak Detection: Electronic
Overfill Prot: High Level Alarm, Catch Basin
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

HIST AST:

PBS Number: 2-602947
SWIS Code: 6001
Operator: BELL ATLANTIC
Facility Phone: (800) 339-6144
Facility Addr2: Not reported
Facility Type: OTHER
Emergency: BELL ATLANTIC
Emergency Tel: (800) 386-9639
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: BELL ATLANTIC
Owner Address: 221 EAST 37TH STREET
Owner City,St,Zip: NEW YORK, NY 10016
Federal ID: Not reported
Owner Tel: (800) 339-6144
Owner Type: Corporate/Commercial
Owner Subtype: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAINES LEASING CORP (Continued)

1000313559

Mailing Contact: MS. KATHLEEN TOBIN
Mailing Name: BELL ATLANTIC
Mailing Address: 221 EAST 37TH STREET, 4TH FLOOR
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10016
Mailing Telephone: (212) 338-6731
Owner Mark: Second Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 05/27/1999
Expiration: 02/16/2004
Renew Flag: False
Renew Date: Not reported
Total Capacity: 5280
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City Code: 01
Region: 2

Tank ID: 002
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: 01/01/1997
Capacity (Gal): 1000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Stainless steel alloy
Tank Internal: 0
Tank External: 01
Pipe Location: Aboveground
Pipe Type: FIBERGLASS COATED STEEL
Pipe Internal: Fiberglass Liner (FRP)
Pipe External: 04
Tank Containment: Vault (w/access)
Leak Detection: 01
Overfill Protection: 25
Dispenser Method: 0
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 003
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAINES LEASING CORP (Continued)

1000313559

Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 280
Product Stored: USED OIL
Tank Type: Stainless steel alloy
Tank Internal: 9
Tank External: 05
Pipe Location: None
Pipe Type: NONE
Pipe Internal: None
Pipe External: 00
Tank Containment: Vault (w/access)
Leak Detection: 00
Overfill Protection: 05
Dispenser Method: Not reported
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: GAINES LEASING CORP
Facility address: 325 EXTERIA ST
BRONX, NY 10451
EPA ID: NYD982271272
Mailing address: EXTERIA ST
BRONX, NY 10451
Contact: Not reported
Contact address: EXTERIA ST
BRONX, NY 10451
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: JACK SCHWARTZ
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: JACK SCHWARTZ
Owner/operator address: NOT REQUIRED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GAINES LEASING CORP (Continued)

1000313559

NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
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: GAINES LEASING CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: GAINES LEASING CORP
Classification: Not a generator, verified

Date form received by agency: 08/05/1987
Site name: GAINES LEASING CORP
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110004417462

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

GAINES LEASING CORP (Continued)

1000313559

ECHO:

Envid: 1000313559
Registry ID: 110004417462
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004417462

M61
SSW
< 1/8
0.115 mi.
607 ft.

325 EXTERIOR ST
BRONX, NY 10451
Site 2 of 4 in cluster M

EDR Hist Auto **1015426433**
N/A

Relative:
Lower
Actual:
10 ft.

EDR Historical Auto Stations:
Name: J & A AUTO REPAIR INC
Year: 2001
Address: 325 EXTERIOR ST

Name: LUIGI RENALDO AUTOCRAFT INC
Year: 2002
Address: 325 EXTERIOR ST

Name: LUIGI RENALDO AUTOCRAFT INC
Year: 2003
Address: 325 EXTERIOR ST

M62
SSW
< 1/8
0.115 mi.
607 ft.

LOT 38,TAXBLOCK 2349
325 EXTERIOR STREET
BRONX, NY 10451
Site 3 of 4 in cluster M

NY Spills **S109942511**
NY E DESIGNATION **N/A**

Relative:
Lower
Actual:
10 ft.

SPILLS:
Facility ID: 0512042
Facility Type: ER
DER Facility ID: 308314
Site ID: 358298
DEC Region: 2
Spill Date: 2006-01-19
Spill Number/Closed Date: 0512042 / 2007-02-21
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: rmpiper
Referred To: Not reported
Reported to Dept: 2006-01-19
CID: 444
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
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: 2006-01-19

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 38,TAXBLOCK 2349 (Continued)

S109942511

Spill Record Last Update: 2007-02-21
Spiller Name: JEFF BOHLEN
Spiller Company: VERIZON BUILDING
Spiller Address: 325 EXTERIOR STREET
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: JEFF BOHLEN
Contact Phone: (631) 471-1500
DEC Memo: "3/17/06- DEC Piper reviewed tank closure report. As per analytical, GW has 4760 ppb of MtBE and 8 ppb of Toluene. All other constituents, SVOC and VOC, non- detect. Subsurface investigation warranted. Site abuts Harlem River. Referred to remediation. 7/11/06- DEC Piper received subsurface investigation report to delineate gw contamination. Five borings were completed on property. All locations revealed contamination below TAGMs. 2/20/07- DEC Piper reviewed report dated Jan 29, 2007, As per report, No VOC's or SVOC's above Tagm. This case is closed. See E-docs if warranted."/

Remarks: "found soil sample in groundwater defective:"

Material:
Site ID: 358298
Operable Unit ID: 1115548
Operable Unit: 01
Material ID: 2105622
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

E DESIGNATION:
Tax Lot(s): 38
Tax Block: 2349
Borough Code: BX
E-No: E-227
Effective Date: 6/30/2009
Satisfaction Date: Not reported
Ceqr Number: 08DCP071X
Ulurp Number: 090303ZMX
Zoning Map No: 6a

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date: Not reported

Description: Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M63
SSW
< 1/8
0.115 mi.
607 ft.

LUIGI RENALDO AUTO CENTER
325 EXTERIOR ST
BRONX, NY 10451

RCRA NonGen / NLR **1000235176**
NY MANIFEST **NYD161125372**

Site 4 of 4 in cluster M

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007

Facility name: LUIGI RENALDO AUTO CENTER

Facility address: 325 EXTERIOR ST
BRONX, NY 104512012

EPA ID: NYD161125372

Mailing address: EXTERIOR ST
BRONX, NY 10451

Contact: Not reported

Contact address: EXTERIOR ST
BRONX, NY 10451

Contact country: US

Contact telephone: Not reported

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

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

Actual:
10 ft.

Owner/Operator Summary:

Owner/operator name: LUIGI RENALDO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US
Owner/operator telephone: (212) 555-1212

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: LUIGI RENALDO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US
Owner/operator telephone: (212) 555-1212

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

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: LUIGI RENALDO AUTO CENTER
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: LUIGI RENALDO AUTO CENTER
Classification: Not a generator, verified

Date form received by agency: 10/13/1988
Site name: LUIGI RENALDO AUTO CENTER
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYD161125372
Facility Status: Not reported
Location Address 1: 325 EXTERIOR STREET
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: NYD161125372

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

Mailing Name: LUIGI RENALDO AUTOCRAFT INCORPORATED
Mailing Contact: LUIGI RENALDO AUTOCRAFT INCORPORATED
Mailing Address 1: 325 EXTERIOR STREET
Mailing Address 2: Not reported
Mailing City: BRONX ATTN JOHN ARCURI
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124028555

NY MANIFEST:

Document ID: NJA2678120
Manifest Status: C
seq: Not reported
Year: 1997
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 01/28/1997
Trans1 Recv Date: 01/28/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 01/30/1997
Part A Recv Date: 02/10/1997
Part B Recv Date: 02/12/1997
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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: 00100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA2602382
Manifest Status: C
seq: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

Year: 1996
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 06/26/1996
Trans1 Recv Date: 06/26/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 06/27/1996
Part A Recv Date: 07/25/1996
Part B Recv Date: 07/12/1996
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA2269259
Manifest Status: C
seq: Not reported
Year: 1996
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 02/21/1996
Trans1 Recv Date: 02/21/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 02/22/1996
Part A Recv Date: 03/04/1996
Part B Recv Date: 03/05/1996
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
TSD ID 2: Not reported
Manifest Tracking Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

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: 00075
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA2717849
Manifest Status: C
seq: Not reported
Year: 1996
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 10/29/1996
Trans1 Recv Date: 10/29/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 10/30/1996
Part A Recv Date: 11/18/1996
Part B Recv Date: 11/15/1996
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002454544
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: F003 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

Waste Code: Not reported
Waste Code: Not reported
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA2062395
Manifest Status: C
seq: Not reported
Year: 1995
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 02/22/1995
Trans1 Recv Date: 02/22/1995
Trans2 Recv Date: / /
TSD Site Recv Date: 02/23/1995
Part A Recv Date: 03/03/1995
Part B Recv Date: 03/06/1995
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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: 00165
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA2269172
Manifest Status: C
seq: Not reported
Year: 1995
Trans1 State ID: 10339
Trans2 State ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

Generator Ship Date: 11/20/1995
Trans1 Recv Date: 11/20/1995
Trans2 Recv Date: / /
TSD Site Recv Date: 11/22/1995
Part A Recv Date: 12/08/1995
Part B Recv Date: 12/12/1995
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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: 00145
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA2169948
Manifest Status: C
seq: Not reported
Year: 1995
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 07/06/1995
Trans1 Recv Date: 07/06/1995
Trans2 Recv Date: / /
TSD Site Recv Date: 07/07/1995
Part A Recv Date: 07/14/1995
Part B Recv Date: 07/21/1995
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
TSD 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

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

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: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: NJA1987284
Manifest Status: C
seq: Not reported
Year: 1994
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 10/05/1994
Trans1 Recv Date: 10/05/1994
Trans2 Recv Date: / /
TSD Site Recv Date: 10/06/1994
Part A Recv Date: 10/18/1994
Part B Recv Date: 10/20/1994
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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: 00140

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA1608087
Manifest Status: C
seq: Not reported
Year: 1994
Trans1 State ID: NJDEPS103
Trans2 State ID: Not reported
Generator Ship Date: 02/22/1994
Trans1 Recv Date: 02/22/1994
Trans2 Recv Date: / /
TSD Site Recv Date: 02/24/1994
Part A Recv Date: 03/07/1994
Part B Recv Date: 03/07/1994
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA1894425
Manifest Status: C
seq: Not reported
Year: 1994
Trans1 State ID: 10339
Trans2 State ID: Not reported
Generator Ship Date: 06/08/1994
Trans1 Recv Date: 06/08/1994
Trans2 Recv Date: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

TSD Site Recv Date: 06/09/1994
Part A Recv Date: 06/16/1994
Part B Recv Date: 06/21/1994
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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: 00150
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA1769690
Manifest Status: C
seq: Not reported
Year: 1993
Trans1 State ID: NJDEPS103
Trans2 State ID: Not reported
Generator Ship Date: 10/19/1993
Trans1 Recv Date: 10/19/1993
Trans2 Recv Date: / /
TSD Site Recv Date: 10/19/1993
Part A Recv Date: 11/16/1993
Part B Recv Date: 11/04/1993
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

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: 00140
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA1688549
Manifest Status: C
seq: Not reported
Year: 1993
Trans1 State ID: NJDEPS103
Trans2 State ID: Not reported
Generator Ship Date: 06/30/1993
Trans1 Recv Date: 06/30/1993
Trans2 Recv Date: / /
TSD Site Recv Date: 07/01/1993
Part A Recv Date: 08/25/1993
Part B Recv Date: 07/19/1993
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002454544
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: F003 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00200
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA1529886
Manifest Status: C
seq: Not reported
Year: 1993
Trans1 State ID: NJDEPS103
Trans2 State ID: Not reported
Generator Ship Date: 01/06/1993
Trans1 Recv Date: 01/06/1993
Trans2 Recv Date: / /
TSD Site Recv Date: 01/07/1993
Part A Recv Date: 01/15/1993
Part B Recv Date: 01/20/1993
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002454544
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: F003 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA1513303
Manifest Status: C
seq: Not reported
Year: 1992
Trans1 State ID: NJDEPS103
Trans2 State ID: Not reported
Generator Ship Date: 08/31/1992
Trans1 Recv Date: 08/31/1992
Trans2 Recv Date: / /
TSD Site Recv Date: 09/01/1992
Part A Recv Date: / /
Part B Recv Date: 09/14/1992

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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: 00135
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA1471972
Manifest Status: K
seq: Not reported
Year: 1992
Trans1 State ID: NJDEPS103
Trans2 State ID: Not reported
Generator Ship Date: 04/28/1992
Trans1 Recv Date: 04/28/1992
Trans2 Recv Date: / /
TSD Site Recv Date: 04/28/1992
Part A Recv Date: / /
Part B Recv Date: 06/10/1992
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

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
Waste Code: Not reported
Quantity: 00160
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA1173309
Manifest Status: C
seq: Not reported
Year: 1991
Trans1 State ID: NJDEPS103
Trans2 State ID: Not reported
Generator Ship Date: 08/05/1991
Trans1 Recv Date: 08/05/1991
Trans2 Recv Date: / /
TSD Site Recv Date: 08/07/1991
Part A Recv Date: 08/14/1991
Part B Recv Date: 08/19/1991
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD986608941
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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
Waste Code: Not reported
Quantity: 00100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

Document ID: NJA1106634
Manifest Status: C
seq: Not reported
Year: 1991
Trans1 State ID: NJDEPS103
Trans2 State ID: Not reported
Generator Ship Date: 04/01/1991
Trans1 Recv Date: 04/01/1991
Trans2 Recv Date: / /
TSD Site Recv Date: 04/02/1991
Part A Recv Date: 04/08/1991
Part B Recv Date: 04/12/1991
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD980787147
Trans2 EPA ID: Not reported
TSD ID 1: NJD002454544
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: 00075
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA0963697
Manifest Status: K
seq: Not reported
Year: 1990
Trans1 State ID: NJDEPS103
Trans2 State ID: Not reported
Generator Ship Date: 12/06/1990
Trans1 Recv Date: 12/06/1990
Trans2 Recv Date: / /
TSD Site Recv Date: 12/07/1990
Part A Recv Date: 01/04/1991
Part B Recv Date: 01/15/1991
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD980787147
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

TSDF ID 1: NJD002454544
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: F003 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00110
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA0619714
Manifest Status: C
seq: Not reported
Year: 1989
Trans1 State ID: NJDEPS103
Trans2 State ID: Not reported
Generator Ship Date: 03/10/1989
Trans1 Recv Date: 03/10/1989
Trans2 Recv Date: / /
TSD Site Recv Date: 03/10/1989
Part A Recv Date: 03/15/1989
Part B Recv Date: 03/20/1989
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD980787147
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002454544
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: F005 - UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LUIGI RENALDO AUTO CENTER (Continued)

1000235176

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00140
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA0628643
Manifest Status: C
seq: Not reported
Year: 1989
Trans1 State ID: 000000000
Trans2 State ID: 000000000
Generator Ship Date: 08/23/1989
Trans1 Recv Date: 08/23/1989
Trans2 Recv Date: / /
TSD Site Recv Date: 08/24/1989
Part A Recv Date: 08/28/1989
Part B Recv Date: 08/30/1989
Generator EPA ID: NYD161125372
Trans1 EPA ID: NJD980787147
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002454544
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: F005 - UNKNOWN
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00135
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access
4 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

N64
NNE
< 1/8
0.117 mi.
616 ft.

CON EDISON MANHOLE 4506
E 149TH ST & GERARD AVE
BRONX, NY 10451

RCRA NonGen / NLR
NY MANIFEST
NJ MANIFEST

1014918493
NYP004221099

Site 1 of 8 in cluster N

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 01/02/2011

Facility name: CON EDISON MANHOLE 4506

Facility address: E 149TH ST & GERARD AVE
BRONX, NY 10451

EPA ID: NYP004221099

Mailing address: IRVING PL RM 828
NEW YORK, NY 10003

Contact: DOMINIC BIZZARO

Contact address: 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

Actual:
16 ft.

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: 12/03/2010

Site name: CON EDISON MANHOLE 4506

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004221099
Facility Status: Not reported
Location Address 1: E 149 ST & GERARD AVE
Code: BP
Location Address 2: MH 4506
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

CON EDISON MANHOLE 4506 (Continued)

1014918493

Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004221099

Mailing Name: CONSOLIDATED EDISON

Mailing Contact: TOM TEELING

Mailing Address 1: 4 IRVINGPLACE 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

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: 12/03/2010

Trans1 Recv Date: 12/03/2010

Trans2 Recv Date: Not reported

TSD Site Recv Date: 12/06/2010

Part A Recv Date: Not reported

Part B Recv Date: Not reported

Generator EPA ID: NYP004221099

Trans1 EPA ID: Not reported

Trans2 EPA ID: Not reported

TSD ID 1: NJD002200046

TSD ID 2: Not reported

Manifest Tracking Number: 001057839GBF

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 4506 (Continued)

1014918493

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

NJ MANIFEST:

EPA Id: NYP004221099
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: DOMINIC BIZZARO
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: 001057839GBF
EPA ID: NYP004221099
Date Shipped: 12/03/2010
TSD 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: 12/03/2010
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: 12/06/2010
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON MANHOLE 4506 (Continued)

1014918493

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

N65
NNE
 < 1/8
 0.118 mi.
 621 ft.

MANHOLE #4506
149TH & GERARD AVE
BRONX, NY
 Site 2 of 8 in cluster N

NY Spills S106969390
N/A

Relative:
Lower

SPILLS:

Facility ID: 0503997
 Facility Type: ER
 DER Facility ID: 295136
 Site ID: 348709
 DEC Region: 2
 Spill Date: 2005-07-05
 Spill Number/Closed Date: 0503997 / 2006-01-09
 Spill Cause: Unknown
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
 17 ft.

SWIS:
 Investigator: GDBREEN
 Referred To: Not reported
 Reported to Dept: 2005-07-05
 CID: 444
 Water Affected: Not reported
 Spill Source: Unknown
 Spill Notifier: Responsible Party
 Cleanup Ceased: Not reported
 Cleanup Meets Std: False
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Trust: False
 Remediation Phase: 0
 Date Entered In Computer: 2005-07-05
 Spill Record Last Update: 2006-01-09
 Spiller Name: Not reported
 Spiller Company: UNKNOWN AT THIS TIME
 Spiller Address: Not reported
 Spiller City,St,Zip: NY
 Spiller Company: 999

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MANHOLE #4506 (Continued)

S106969390

Contact Name: ERT DESK MIKE DAUGHTERY
 Contact Phone: (212) 580-8383
 DEC Memo: "159570. 05-Jul-2005 05:15 hrs. Flush Mechanic, Jonh Maloney (05863) while preparing to flush MH-4506 located at SWC e149 St & Gerard Ave, Bronx, NY, reports finding ~ 6 oz of unknown oil in the dirt of a dry manhole. No fire/smoke is/was involved. No sewers, waterways or private property were affected. No injuries were reported at this time. Crew hung environmental tag # 40794 in structure. Crew took 2 samples for PCB & OIL ID on chain of custody (dd-09490). Clean up pending sample results. L Fischer 55784 05-July-2005 09:20 hrs. At 09:15 hrs. Bx/West Underground OS. D. Scarimbolo # 87659 reported that the oil in the manhole is leaking from a primary joint on the floor of the manhole and will require a feeder outage to make repairs. This incident has been changed to a reportable spill due to this and that the cleanup will no longer meet the 24 hr. deminimis time criteria. CIG. Rep. T. Parker # 87739 notified. R. Browne # 21646 "

Remarks: "coming off 24 hour due to a default in manhole: coned # 159570: no to 5 questions;"

Material:

Site ID: 348709
 Operable Unit ID: 1106360
 Operable Unit: 01
 Material ID: 1971284
 Material Code: 0066A
 Material Name: unknown petroleum
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: .00
 Units: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

N66
NNE
 < 1/8
 0.118 mi.
 621 ft.

MANHOLE#4510
EAST 149 ST/GERARD AVE
BRONX, NY

NY Spills S106699343
N/A

Site 3 of 8 in cluster N

Relative:
Lower

SPILLS:

Facility ID: 0406667
 Facility Type: ER
 DER Facility ID: 136591
 Site ID: 161800
 DEC Region: 2
 Spill Date: 2004-09-09
 Spill Number/Closed Date: 0406667 / 2004-09-21
 Spill Cause: Equipment Failure
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
 17 ft.

SWIS: 0301
 Investigator: JHOCONNE
 Referred To: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHOLE#4510 (Continued)

S106699343

Reported to Dept: 2004-09-17
CID: 403
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2004-09-17
Spill Record Last Update: 2004-09-21
Spiller Name: ERT DESK
Spiller Company: MANHOLE#4510
Spiller Address: EAST 149 ST/GERARD AVE
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: ERT DESK
Contact Phone: (212) 580-8383
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL e2mis no. 155286: 1 pt. of oil from a leaking cable end cap seal onto concrete contained in MH 4510. Lab Sequence Number: 04-07201-001 PCB 30 ppm. At 10:30 UG Env. Mech A Ed Cedeno and R. Fontan started cleanup. O/S Charles D'Alisera capped and sealed leaking cable ends. 9/10/04 1300 hrs. UG Env Mech A Ed Cedeno 03384 reports CFS removed 60 gals of liquid to be transported and disposed of at Astoria TSDF and Flush 200 Lbs solids to transport to Hellgate Flush facility. Double washed and rinse with 760 bio-gen solution. Cable ends were sealed. 17-SEP-2004 10:00 hrs. Incident being re-opened due to re-leak of sealed cable ends. U/G Supervisor G. Meiers 14850 reports sealed ends have re-leaked and 1/2 pt. of dielectric fluid has leaked onto recently cleaned MH concrete floor. Cable ends have been re-sealed with larger sealing boot preventing further cable end dielectric fluid leakage. Crew is starting cleanup as of 10:30hrs. 17-SEP-2004 11:47 hrs U/G Supervisor G. Meiers 14850 reports cleanup completed. Affected area of concrete manhole floor was spot cleaned. Area was double washed using 760 biogen soap and absorbants."

Remarks: "1/2 gallon spilled.poor seal on end of cable caused the spill.no smoke,fire,sewers,or waterways affected.the 1/2 pint was discovered at 9:30 this morning.they recapped it to stop the leak"

Material:
Site ID: 161800
Operable Unit ID: 889294
Operable Unit: 01
Material ID: 487868
Material Code: 0541A
Material Name: dielectric fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Not reported
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported
Site ID: 161800

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHOLE#4510 (Continued)

S106699343

Operable Unit ID: 889294
Operable Unit: 01
Material ID: 487869
Material Code: 0541A
Material Name: dielectric fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

N67
NNE
< 1/8
0.122 mi.
642 ft.

111 E 149TH ST
BRONX, NY 10451

Site 4 of 8 in cluster N

Relative:
Lower

EDR Historical Auto Stations:

Name: RIVER GAS INC
Year: 2001

Actual:
17 ft.

Address: 111 E 149TH ST

EDR Hist Auto 1015156828
N/A

O68
ESE
< 1/8
0.122 mi.
643 ft.

444 GRAND CONCOURSE
BRONX, NY 10451

Site 1 of 3 in cluster O

Relative:
Higher

EDR Historical Auto Stations:

Name: BP AMOCO
Year: 2005
Address: 444 GRAND CONCOURSE

Actual:
42 ft.

Name: BP AMOCO
Year: 2006
Address: 444 GRAND CONCOURSE

Name: BP AMOCO
Year: 2007
Address: 444 GRAND CONCOURSE

Name: B P AMOCO
Year: 2008
Address: 444 GRAND CONCOURSE

EDR Hist Auto 1015499254
N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O69
ESE
< 1/8
0.122 mi.
646 ft.

CON EDISON SERVICE BOX: 4883
450 GRAND CONCOURSE
BRONX, NY 10452

RCRA NonGen / NLR **1016973677**
NY MANIFEST **NYP004474821**

Site 2 of 3 in cluster O

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 04/21/2014

Facility name: CON EDISON SERVICE BOX: 4883

Facility address: 450 GRAND CONCOURSE

BRONX, NY 10452

EPA ID: NYP004474821

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

Actual:
42 ft.

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: 03/21/2014

Site name: CON EDISON SERVICE BOX: 4883

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA

EPA ID: NYP004474821

Facility Status: Not reported

Location Address 1: 450 GRAND CONCOURSE

Code: BP

Location Address 2: SB4883

Total Tanks: Not reported

Location City: BRONX

Location State: NY

Location Zip: 10461

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 4883 (Continued)

1016973677

Location Zip 4:	Not reported
NY MANIFEST:	
EPAID:	NYP004474821
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING ST
Mailing Address 2:	15TH ST
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:	03/21/2014
Trans1 Recv Date:	03/21/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/21/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004474821
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	012771184JJK
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:	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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 4883 (Continued)

1016973677

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

O70
ESE
< 1/8
0.122 mi.
646 ft.

CON EDISON
450 GRAND CONCOURSE
BRONX, NY 10461

NY Spills S110768593
NY MANIFEST N/A

Site 3 of 3 in cluster O

Relative:
Higher

SPILLS:

Actual:
42 ft.

Facility ID: 1011979
Facility Type: ER
DER Facility ID: 400744
Site ID: 445881
DEC Region: 2
Spill Date: 2011-03-03
Spill Number/Closed Date: 1011979 / 2011-03-04
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 0301
Investigator: vszhune
Referred To: Not reported
Reported to Dept: 2011-03-03
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: 2011-03-03
Spill Record Last Update: 2011-03-04
Spiller Name: Not reported
Spiller Company: HOSTOS COMMUNITY COLLEGE
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: DIANE MACFARLANE
Contact Phone: Not reported
DEC Memo: "03/03/11-Hiralkumar Patel. 3:22 PM:- spoke with Diane. she mentioned that elevator company was making repair. a repair person noticed a spill when came back from brake. one of the pipe broke and spilled oil onto elevator room. as per Diane's staff member, elevator room floor is covered with oil. oil got into a drain located outside of the elevator room. oil sheen found coming up from sewer manhole in parking lot closer to this elevator room. Diane mentioned that elevator has 280 gal hydraulic oil tank. Diane has contacted Clean Harbor to help in cleanup. Diane Macfarlane Hostos Community College Ph. (718) 518-4349 (O) (646) 235-2155 (C) PBS #: 2-452319. DEC Veronica responded. 03/03/11-Zhune visited the site. spill on the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S110768593

Remarks: elevator's floor is all cleaned. Dunwell Elevator Industries, Inc. cleaned the spill. They will repair the elevator's pump that caused the spill. DEP was notified of oil into the drain. Dunwell Elevator Electrical Industries, INC. 718-388-7575- Victor Deolo Supervisor. Spill closed. "
"Caller advised 50 gallons of hydraulic fluid spilled into the elevator room and down a drain and now can see oil spilling out of a manhole cover in parking lot. Clean up is pending."

Material:
Site ID: 445881
Operable Unit ID: 1196256
Operable Unit: 01
Material ID: 2192547
Material Code: 0010
Material Name: hydraulic oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

NY MANIFEST:
Country: USA
EPA ID: NYP004607511
Facility Status: Not reported
Location Address 1: 450 GRAND CONCOURSE
Code: BP
Location Address 2: SB4883
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10461
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004607511
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S110768593

Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 07/25/2014
Trans1 Recv Date: 07/25/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/25/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004607511
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002562268GBF
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: 300
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

K71
NNE
< 1/8
0.122 mi.
646 ft.

101 E 149TH ST
BRONX, NY 10451
Site 4 of 4 in cluster K

EDR Hist Auto 1015124963
N/A

Relative:
Lower

EDR Historical Auto Stations:
Name: RIVER GAS & WASH CORPORATION
Year: 1999

Actual:
11 ft.

Address: 101 E 149TH ST
Name: RIVER GAS & WASH CORPORATION

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

(Continued)

1015124963

Year: 2000
 Address: 101 E 149TH ST

Name: RIVER GAS & WASH CORP
 Year: 2002
 Address: 101 E 149TH ST

Name: RIVER GAS & WASH CORP
 Year: 2003
 Address: 101 E 149TH ST

Name: AAMOCO
 Year: 2004
 Address: 101 E 149TH ST

Name: RIVER GAS & WASH CORP
 Year: 2009
 Address: 101 E 149TH ST

Name: RIVER GAS & WASH CORP
 Year: 2010
 Address: 101 E 149TH ST

P72
SE
 < 1/8
 0.123 mi.
 650 ft.

LOT 26,TAXBLOCK 2345
395 GRAND CONCOURSE
BRONX, NY 10451

NY E DESIGNATION **S109942381**
 N/A

Site 1 of 2 in cluster P

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 26
 Tax Block: 2345
 Borough Code: BX
 E-No: E-227
 Effective Date: 6/30/2009
 Satisfaction Date: Not reported
 Ceqr Number: 08DCP071X
 Ulurp Number: 090303ZMX
 Zoning Map No: 6a

Actual:
 37 ft.

Description: Window Wall Attenuation & Alternate Ventilation
 Lot Remediation Date: Not reported

Description: Air Quality - #2 Fuel Oil or #4 Fuel Oil or Natural Gas for HVAC systems
 Lot Remediation Date: Not reported

Description: Exhaust stack location limitations
 Lot Remediation Date: Not reported

Description: Hazardous Materials* Phase I and Phase II Testing Protocol
 Lot Remediation Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

Q73
ENE
 < 1/8
 0.124 mi.
 653 ft.

475 GRAND CONCOURSE / BRO
475 GRAND CONCOURSE
NEW YORK, NY

NY Spills **S102144514**
 N/A

Site 1 of 2 in cluster Q

Relative:
Higher

SPILLS:

Actual:
 41 ft.

Facility ID:	8700839
Facility Type:	ER
DER Facility ID:	67460
Site ID:	71254
DEC Region:	2
Spill Date:	1987-04-29
Spill Number/Closed Date:	8700839 / 1987-04-29
Spill Cause:	Human Error
Spill Class:	Not reported
SWIS:	0301
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1987-04-29
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Fire Department
Cleanup Ceased:	1987-04-29
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1987-05-05
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	HOSTOS COLLEGE
Spiller Address:	475 GRAND CONCOURSE
Spiller City,St,Zip:	BRONX, NY
Spiller Company:	001
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
Remarks:	"LOCATED IN ROOM 600 AT THE COLLEGE. - REQUESTED DEC RESPONSE. CALL FIRE DEPARTMENT FOR MORE INFORMATION."

Material:

Site ID:	71254
Operable Unit ID:	907317
Operable Unit:	01
Material ID:	470811
Material Code:	0365A
Material Name:	picric acid
Case No.:	00088891
Material FA:	Other
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Not reported
Oxygenate:	Not reported

Tank Test:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

Q74
ENE
< 1/8
0.124 mi.
653 ft.

HOSTOS COMMUNITY COLLEGE
475 GRAND CONCOURSE
BRONX, NY 10451
Site 2 of 2 in cluster Q

RCRA-CESQG 1000872397
NY UST NYD987036100
NY AST
FINDS
NJ MANIFEST
NY MANIFEST
ECHO

Relative:
Higher

Actual:
41 ft.

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: HOSTOS COMMUNITY COLLEGE
Facility address: 475 GRAND CONCOURSE
BRONX, NY 104515307
EPA ID: NYD987036100
Mailing address: GRAND CONCOURSE
BRONX, NY 10451
Contact: Not reported
Contact address: GRAND CONCOURSE
BRONX, NY 10451
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:
Owner/operator name: DORMITORY AUTHORITY NY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: DORMITORY AUTHORITY NY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: State
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

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

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: HOSTOS COMMUNITY COLLEGE
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Site name: HOSTOS COMMUNITY COLLEGE
Classification: Not a generator, verified

Date form received by agency: 06/22/1993
Site name: HOSTOS COMMUNITY COLLEGE
Classification: Large Quantity Generator

Waste code: F003
Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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

UST:

Id/Status: 2-153583 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590466.95722
UTM Y: 4519069.77988
Site Type: Unknown

Affiliation Records:

Site Id: 4872
Affiliation Type: Facility Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Company Name: POWER TEST PETROLEUM DIST INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 125 JERICHO TURNPIKE
Address2: Not reported
City: JERICHO
State: NY
Zip Code: 11753
Country Code: 001
Phone: (212) 324-5110
EMail: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 2005-07-05

Site Id: 4872
Affiliation Type: Mail Contact
Company Name: POWER TEST PETROLEUM DIST INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 125 JERICHO TURNPIKE
Address2: Not reported
City: JERICHO
State: NY
Zip Code: 11753
Country Code: 001
Phone: (212) 324-5110
EMail: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 2005-07-05

Site Id: 4872
Affiliation Type: On-Site Operator
Company Name: POWER TEST00129
Contact Type: Not reported
Contact Name: HECTOR CARRION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (212) 590-7040
EMail: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 2005-07-05

Site Id: 4872
Affiliation Type: Emergency Contact
Company Name: POWER TEST PETROLEUM DIST INC
Contact Type: Not reported
Contact Name: TOM WRIGHT REGION ENG
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

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 338-6000
EMail: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 2005-07-05

Tank Info:

Tank Number: 001
Tank ID: 8192
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
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: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number: 002
Tank ID: 8193
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Tank Number: 003
Tank ID: 8194
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
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: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Tank Number: 004
Tank ID: 8195
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
Date Tank Closed: Not reported
Registered: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

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: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Tank Number: 005
Tank ID: 8196
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
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: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Tank Number: 006
Tank ID: 8197

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
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: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Tank Number: 007
Tank ID: 8198
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
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: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Tank Number: 008
Tank ID: 8199
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
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: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Tank Number: 009
Tank ID: 8200
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
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: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

C00 - Pipe Location - No Piping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Tank Number: 010
Tank ID: 8201
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
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: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Tank Number: 011
Tank ID: 8202
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

I00 - Overfill - None
A01 - Tank Internal Protection - Epoxy Liner
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number: 012
Tank ID: 8203
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1969
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: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/05/2013

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)

AST:

Region: STATE
DEC Region: 2
Site Status: Inactive
Facility Id: 2-082856
Program Type: PBS
UTM X: 590466.95722
UTM Y: 4519069.77988
Expiration Date: N/A
Site Type: School

Affiliation Records:

Site Id: 1821

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Affiliation Type: Facility Owner
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: Not reported
Address1: 475 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (212) 518-6758
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1821
Affiliation Type: Mail Contact
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: FRANK VIRONE-CHIEF ENG.
Address1: 500 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 518-4476
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1821
Affiliation Type: On-Site Operator
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: CITY UNIVERSITY OF NY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 518-6758
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 1821
Affiliation Type: Emergency Contact
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: JOE BRANCH
Address1: Not reported
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 682-0196
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 3035
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

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

Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: 9
Pipe Model: Not reported
Install Date: 11/01/1993
Capacity Gallons: 7000
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: 01/20/2015
Material Name: Not reported

Tank Number: 002
Tank Id: 3036
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: 9
Pipe Model: Not reported
Install Date: 11/01/1993
Capacity Gallons: 7000
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: 01/20/2015
Material Name: Not reported

FINDS:

Registry ID: 110004505991

Environmental Interest/Information System

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

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

NJ MANIFEST:

EPA Id: NYD987036100
Mail Address: 475 GRAND CONCOURSE
Mail City/State/Zip: BRONX 10451
Facility Phone: 7185186746
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: NJA5264403
EPA ID: NYD987036100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Date Shipped: 08/17/2005
TSDF EPA ID: NJD980536593
Transporter EPA ID: NYR000109645
Transporter 2 EPA ID: NJD080631369
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: 08/17/2005
Date Trans2 Transported Waste: 08/29/2005
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: 08/29/2005
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
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: 11090521
Was Load Rejected: BRONX 10451
Reason Load Was Rejected: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYD987036100
Facility Status: Not reported
Location Address 1: 475 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: NYD987036100
Mailing Name: HOSTOS COMMUNITY COLLEGE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Mailing Contact: W LANIGAN
Mailing Address 1: 475 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: 7185186758

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NYD986938645
Trans2 State ID: Not reported
Generator Ship Date: 05/01/2013
Trans1 Recv Date: 05/01/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/12/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD049836679
TSDF ID 2: Not reported
Manifest Tracking Number: 001928622GBF
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: H132
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: 20
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	MAC300016672
Trans2 State ID:	Not reported
Generator Ship Date:	06/04/2013
Trans1 Recv Date:	06/04/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/05/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987036100
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD077444263
TSD ID 2:	Not reported
Manifest Tracking Number:	004519369FLE
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:	41
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	D006
Waste Code 1_3:	D007
Waste Code 1_4:	D011
Waste Code 1_5:	F003
Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	MAC300016672
Trans2 State ID:	Not reported
Generator Ship Date:	06/04/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Trans1 Recv Date: 06/04/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/05/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NYD077444263
TSD ID 2: Not reported
Manifest Tracking Number: 004519369FLE
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: 2
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D001
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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: MAC300016672
Trans2 State ID: Not reported
Generator Ship Date: 06/04/2013
Trans1 Recv Date: 06/04/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/05/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NYD077444263

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

TSDF ID 2: Not reported
Manifest Tracking Number: 004519369FLE
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: 1
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D002
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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: MAC300016672
Trans2 State ID: Not reported
Generator Ship Date: 06/04/2013
Trans1 Recv Date: 06/04/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/05/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD077444263
TSDF ID 2: Not reported
Manifest Tracking Number: 004519369FLE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

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: 20
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D007
Waste Code 1_2: D008
Waste Code 1_3: D011
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: MAC300016672
Trans2 State ID: Not reported
Generator Ship Date: 06/04/2013
Trans1 Recv Date: 06/04/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/05/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NYD077444263
TSD ID 2: Not reported
Manifest Tracking Number: 004519369FLE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Waste Code: Not reported
Quantity: 3
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: D022
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: MAC300016672
Trans2 State ID: NYD982792814
Generator Ship Date: 10/04/2013
Trans1 Recv Date: 10/04/2013
Trans2 Recv Date: 10/09/2013
TSD Site Recv Date: 10/15/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: OHD048415665
TSDF ID 2: Not reported
Manifest Tracking Number: 004163538FLE
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: H040
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: 165
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1
Waste Code: D001
Waste Code 1_2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2013
Trans1 State ID:	MAC300016672
Trans2 State ID:	NYD982792814
Generator Ship Date:	01/03/2013
Trans1 Recv Date:	01/03/2013
Trans2 Recv Date:	01/16/2013
TSD Site Recv Date:	01/24/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987036100
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	OHD980613541
TSD ID 2:	Not reported
Manifest Tracking Number:	004555449FLE
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:	H040
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:	1
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	D002
Waste Code 1_3:	D003
Waste Code 1_4:	U133
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Trans1 State ID: MAD985286988
Trans2 State ID: Not reported
Generator Ship Date: 01/17/2012
Trans1 Recv Date: 01/17/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/18/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD077444263
TSDF ID 2: Not reported
Manifest Tracking Number: 004154374FLE
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: 2.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D001
Waste Code 1_2: D002
Waste Code 1_3: D011
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: MAD985286988
Trans2 State ID: Not reported
Generator Ship Date: 01/17/2012
Trans1 Recv Date: 01/17/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/18/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD077444263
TSD ID 2:	Not reported
Manifest Tracking Number:	004154374FLE
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:	1.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Waste Code:	D001
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
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2012
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	01/17/2012
Trans1 Recv Date:	01/17/2012
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/18/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987036100
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD077444263
TSD ID 2:	Not reported
Manifest Tracking Number:	004154374FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

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: 10.0
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: F002
Waste Code 1_3: F003
Waste Code 1_4: F005
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: MAD985286988
Trans2 State ID: Not reported
Generator Ship Date: 01/17/2012
Trans1 Recv Date: 01/17/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/18/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD077444263
TSDF ID 2: Not reported
Manifest Tracking Number: 004154374FLE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 148.0
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: D005
Waste Code 1_2: D007
Waste Code 1_3: D011
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: MAD985286988
Trans2 State ID: Not reported
Generator Ship Date: 01/17/2012
Trans1 Recv Date: 01/17/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/18/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NYD077444263
TSD ID 2: Not reported
Manifest Tracking Number: 004154374FLE
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: 38.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Specific Gravity:	1.0
Waste Code:	D005
Waste Code 1_2:	D011
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2012
Trans1 State ID:	MAD985286988
Trans2 State ID:	Not reported
Generator Ship Date:	01/17/2012
Trans1 Recv Date:	01/17/2012
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/18/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987036100
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD077444263
TSD ID 2:	Not reported
Manifest Tracking Number:	004154374FLE
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:	45.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1.0
Waste Code:	D005
Waste Code 1_2:	D007
Waste Code 1_3:	D009
Waste Code 1_4:	D011
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported
Document ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: MAD985286988
Trans2 State ID: Not reported
Generator Ship Date: 01/17/2012
Trans1 Recv Date: 01/17/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/18/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NYD077444263
TSDF ID 2: Not reported
Manifest Tracking Number: 004154374FLE
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: 9.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D008
Waste Code 1_2: D011
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: MAD039322250
Trans2 State ID: MAD039322250
Generator Ship Date: 04/08/2011
Trans1 Recv Date: 04/08/2011
Trans2 Recv Date: 04/25/2011
TSD Site Recv Date: 05/07/2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: ARD069748192
TSD ID 2: Not reported
Manifest Tracking Number: 002957275FLE
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: H040
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: 25.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D001
Waste Code 1_2: D011
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: MAD039322250
Trans2 State ID: MAD039322250
Generator Ship Date: 04/08/2011
Trans1 Recv Date: 04/08/2011
Trans2 Recv Date: 04/25/2011
TSD Site Recv Date: 05/07/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: ARD069748192
TSD ID 2: Not reported
Manifest Tracking Number: 002957275FLE
Import Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

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:	H040
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:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Waste Code:	D001
Waste Code 1_2:	D003
Waste Code 1_3:	D005
Waste Code 1_4:	D008
Waste Code 1_5:	D011
Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2011
Trans1 State ID:	MAD039322250
Trans2 State ID:	MAD039322250
Generator Ship Date:	04/08/2011
Trans1 Recv Date:	04/08/2011
Trans2 Recv Date:	04/25/2011
TSD Site Recv Date:	05/07/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987036100
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	ARD069748192
TSDF ID 2:	Not reported
Manifest Tracking Number:	002957275FLE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

MGMT Method Type Code: H040
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: 3.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D001
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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: MAD039322250
Trans2 State ID: MAD039322250
Generator Ship Date: 04/08/2011
Trans1 Recv Date: 04/08/2011
Trans2 Recv Date: 04/25/2011
TSD Site Recv Date: 05/07/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: ARD069748192
TSDF ID 2: Not reported
Manifest Tracking Number: 002957275FLE
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: H040
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: 40.0
Units: P - Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D001
Waste Code 1_2: D002
Waste Code 1_3: D005
Waste Code 1_4: D007
Waste Code 1_5: D008
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: MAD039322250
Trans2 State ID: MAD039322250
Generator Ship Date: 04/08/2011
Trans1 Recv Date: 04/08/2011
Trans2 Recv Date: 04/25/2011
TSD Site Recv Date: 05/07/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987036100
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: ARD069748192
TSDF ID 2: Not reported
Manifest Tracking Number: 002957275FLE
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: H040
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: 40.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D001
Waste Code 1_2: D011
Waste Code 1_3: D022
Waste Code 1_4: D027
Waste Code 1_5: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1000872397

Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 114 additional NY_MANIFEST: record(s) in the EDR Site Report.

ECHO:

Envid: 1000872397
 Registry ID: 110004505991
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004505991

J75
ESE
 < 1/8
 0.124 mi.
 654 ft.

424-430 GRAND CONCOURSE
424-430 GRAND CONCOURSE
BRONX, NY 10451
Site 3 of 4 in cluster J

NY AST **U003394703**
NY HIST AST **N/A**

Relative:
Higher

AST:
 Region: STATE
 DEC Region: 2
 Site Status: Active
 Facility Id: 2-472492
 Program Type: PBS
 UTM X: 590438.05917
 UTM Y: 4518970.32569
 Expiration Date: 02/20/2019
 Site Type: Apartment Building/Office Building

Actual:
39 ft.

Affiliation Records:
 Site Id: 20735
 Affiliation Type: Facility Owner
 Company Name: 424 SHEVA REALTY ASSOC LLC
 Contact Type: EXEC ASST
 Contact Name: MARIA MCCULLOUGH
 Address1: 1601 BRONXDALE AVENUE, SUITE 201
 Address2: Not reported
 City: BRONX
 State: NY
 Zip Code: 10462
 Country Code: 001
 Phone: (718) 518-8000
 EMail: Not reported
 Fax Number: Not reported
 Modified By: DMMOLOUG
 Date Last Modified: 2013-12-16

Site Id: 20735
 Affiliation Type: Mail Contact
 Company Name: C/O LANGSAM PROPERTY SERVICES
 Contact Type: Not reported
 Contact Name: MARIA MCCULLOUGH
 Address1: 1601 BRONXDALE AVE
 Address2: SUITE 201
 City: BRONX
 State: NY
 Zip Code: 10462
 Country Code: 001
 Phone: (718) 518-8000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

424-430 GRAND CONCOURSE (Continued)

U003394703

E-Mail: MARIAMC@LANGSAMPROP.COM
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2013-12-16

Site Id: 20735
Affiliation Type: On-Site Operator
Company Name: 424-430 GRAND CONCOURSE
Contact Type: Not reported
Contact Name: ANGEL GONZALEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 809-4320
E-Mail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2013-12-16

Site Id: 20735
Affiliation Type: Emergency Contact
Company Name: 424 SHEVA REALTY ASSOC LLC
Contact Type: Not reported
Contact Name: ANGEL GONZALEZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 809-4320
E-Mail: Not reported
Fax Number: Not reported
Modified By: DMMOLOUG
Date Last Modified: 2013-12-16

Tank Info:

Tank Number: 001
Tank Id: 37029
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
E02 - Piping Secondary Containment - Vault (with Access)
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

424-430 GRAND CONCOURSE (Continued)

U003394703

G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 08/04/1992
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMMOLOUG
Last Modified: 12/16/2013
Material Name: Not reported

HIST AST:

PBS Number: 2-472492
SWIS Code: 6001
Operator: ANGEL GONZALEZ
Facility Phone: (718) 518-8000
Facility Addr2: 424 GRAND CONCOURSE
Facility Type: APARTMENT BUILDING
Emergency: ANGEL GONZALEZ
Emergency Tel: (718) 518-8000
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: SHEVA REALITY ASSOC.
Owner Address: 1601 BRONXDALE AVENUE
Owner City,St,Zip: BRONX, NY 10462
Federal ID: Not reported
Owner Tel: (718) 518-8000
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Contact: Not reported
Mailing Name: SHEVA REALITY ASSOC.
Mailing Address: 1601 BRONXDALE AVENUE
Mailing Address 2: Not reported
Mailing City,St,Zip: BRONX, NY 10462
Mailing Telephone: (718) 518-8000
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag: False
Certification Date: 02/01/1999
Expiration: 03/06/2004
Renew Flag: False
Renew Date: Not reported
Total Capacity: 5000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

424-430 GRAND CONCOURSE (Continued)

U003394703

Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	60
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

J76
ESE
< 1/8
0.124 mi.
654 ft.

A J GRIFFEN CORP
424 GRAND CONCOURSE
BRONX, NY 10451

NY AST **U003393136**
NY HIST AST **N/A**

Site 4 of 4 in cluster J

Relative:
Higher

AST:	
Region:	STATE
DEC Region:	2
Site Status:	Inactive
Facility Id:	2-304204
Program Type:	PBS
UTM X:	590438.05917
UTM Y:	4518970.32569
Expiration Date:	N/A
Site Type:	Unknown

Actual:
39 ft.

Affiliation Records:	
Site Id:	13855
Affiliation Type:	Facility Owner
Company Name:	A J GRIFFEN CORP
Contact Type:	Not reported
Contact Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A J GRIFFEN CORP (Continued)

U003393136

Address1: 200 NORTH COLUMBUS AVE
Address2: Not reported
City: MT VERNON
State: NY
Zip Code: 10553
Country Code: 001
Phone: (914) 664-2100
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 13855
Affiliation Type: Mail Contact
Company Name: THE COMMUNITY PRESERVATI
Contact Type: Not reported
Contact Name: Not reported
Address1: 5 W 57TH ST
Address2: Not reported
City: NY
State: NY
Zip Code: 10019
Country Code: 001
Phone: (914) 664-2100
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 13855
Affiliation Type: On-Site Operator
Company Name: A J GRIFFEN CORP
Contact Type: Not reported
Contact Name: MIKE LORENZO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 292-7977
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 13855
Affiliation Type: Emergency Contact
Company Name: A J GRIFFEN CORP
Contact Type: Not reported
Contact Name: F WEISS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A J GRIFFEN CORP (Continued)

U003393136

Phone: (212) 585-4100
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 26081
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
1
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 5500
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: 08/31/2004
Material Name: Not reported

HIST AST:

PBS Number: 2-304204
SWIS Code: 6001
Operator: MIKE LORENZO
Facility Phone: (212) 292-7977
Facility Addr2: 424 GRAND CONCOURSE
Facility Type: Not reported
Emergency: F WEISS
Emergency Tel: (212) 585-4100
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: A J GRIFFEN CORP
Owner Address: 200 NORTH COLUMBUS AVE
Owner City,St,Zip: MT VERNON, NY 10553
Federal ID: Not reported
Owner Tel: (914) 664-2100
Owner Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A J GRIFFEN CORP (Continued)

U003393136

Owner Subtype: Not reported
Mailing Contact: Not reported
Mailing Name: THE COMMUNITY PRESERVATI
Mailing Address: 5 W 57TH ST
Mailing Address 2: Not reported
Mailing City,St,Zip: NY, NY 10019
Mailing Telephone: (914) 664-2100
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 10/23/1987
Expiration: 10/23/1992
Renew Flag: False
Renew Date: Not reported
Total Capacity: 5500
FAMT: True
Facility Screen: Minor Data Missing
Owner Screen: Minor Data Missing
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 5500
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Tank Containment: Diking
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Gravity
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: False
SPDES Number: Not reported
Lat/Long: Not reported

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

N77 **MANHATTAN WEST 09 DOS -DDC** **NY Spills** **S104284721**
NNE **125 EAST 149TH STREET** **N/A**
< 1/8 **BRONX, NY 10451**
0.124 mi.
655 ft. **Site 5 of 8 in cluster N**

Relative: SPILLS:
Lower Facility ID: 9910856
 Facility Type: ER
Actual: DER Facility ID: 20019
19 ft. Site ID: 98783
 DEC Region: 2
 Spill Date: 1999-12-13
 Spill Number/Closed Date: 9910856 / 2008-09-12
 Spill Cause: Unknown
 Spill Class: Known release that creates potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.

SWIS: 0301
 Investigator: ADZHITOM
 Referred To: Not reported
 Reported to Dept: 1999-12-13
 CID: 371
 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: 1999-12-13
 Spill Record Last Update: 2009-04-21
 Spiller Name: Not reported
 Spiller Company: NYC DEPT OF SANITATION
 Spiller Address: 125 E 149TH ST
 Spiller City,St,Zip: BRONX, ZZ
 Spiller Company: 001
 Contact Name: Not reported
 Contact Phone: Not reported
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY FUEL OIL UST WAS CLOSED IN PLACE BY TYREE, LATER THEY DID 4 CLOSURE BORINGS, 3 TO 10 FEET (REFUSAL), 1 TO GROUNDWATER AT 16 FEET. BORING TO GW FOUND SOIL CONTAM. AND GW CONTAM, INCLUDING FLOATING PRODUCT. KOLLEENY ASKED TYREE TO FORWARD CLOSURE RPT. WHEN AVAILABLE; ALSO CONTACTED LIRO-KASSNER, DDC'S CONSTRUCTION MGR. FOR SITE, AND REQUESTED EXPEDITED INVEST. OF SITE AND INCLUSION OF HEATING OIL TANK. 8-22-2005 Reviewed a Monitoring Report dated July 29, 2005. The report presented remedial system performance and groundwater monitoring data. In the report LiRo proposed to modify the current groundwater sampling schedule. Also, LiRo recommended completing proposed soil borings LBR-9 and LBR-10 with shallow screens to allow them to serve as pressure monitoring points in order to better evaluate system performance. The Department concurred with these proposals. AZ 7/5/2006 Reviewed a Monitoring Report for the remedial system dated April 21, 2006. The site was formerly managed by Jonathan Kolleeny (NYSDEC). The report presents remedial system performance monitoring data. Groundwater samples were collected from monitoring wells MW-2, MW-6 and MW-10 on March 1, 2006. TVOCs in MW-6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHATTAN WEST 09 DOS -DDC (Continued)

S104284721

is 139 ppb which is the highest number observed in this well. The numbers are on the clear upward trend in this well. MW-10 - TVOCs - 91 ppb, MW- 2 - TVOCs - 91 ppb - upward trend. AZ 11-20-2006 AZ reviewed a Monitoring Report for the remedial system dated August 9, 2006. URS proposed to advance a confirmation soil boring SB-5 near MW-04, LBR-02 and PM-01. DEC concurred with proposal. In a conversation with Jane Staten (URS) on 11/8/2006 I discussed the necessity of additional of the fuel oil spill. URS will send their people and will try to locate the source of this spill. AZ 12-18-2006 Reviewed a Monitoring Report for the remedial system dated August 10, 2006. MPE is operated at the site. The vacuum measurements ranged from 0 (MW-07) to 3.1 The closest extraction well to MW-07 has been shut off. Total VOCs and naphthalene ranged from 1 ppb to 56 ppb in MW-02. Low volumes of gw were extracted and treated during this monitoring period. URS has instructed Franklin to adjust the drop tubes in an effort to extract more groundwater. AZ 1-9-2007 Reviewed a Monitoring Report July through October 2006 for the remedial system dated November 14, 2006. MPE is operated at the site. Flowmeter broke at the end of September. It was not fixed; therefore, the total amount of gallons treated is unknown. Vacuum readings in MW-14 is 0 on 3 occasions. GW results - 65 ppb of total VOC in MW-02. AZ 1/23/2007 At the meeting with DDC/URS on January 10, 2007, the site was discussed. The firm, ATC Associates, will be taking over operation of Manhattan West 9. DEC requested that URS will analyze and improve performance of MW-14. AZ 7-6-2007 Reviewed a Monitoring Report for the remedial system for the period of November 2006 through January 2007 and dated February 15, 2007. MPE is operated at the site. The MPE flowmeter continues to malfunction and requires replacement, but ATC will replace the flowmeter at this time. According to the report, only monitoring well MW-02 is exhibiting contaminant concentrations above DEC GW Quality Criteria. The minor exceedances in MW-02 are too low for remedial treatment. On December 2007 URS advanced two soil borings. The analytical results showed VOC exceedances of TAGM #4046 in each soil sample. Total VOCs ranged from 403,400 to 446,260 ppb. Based on the latest sampling results URS will operate MPE system using only extraction well EW-09. Also, drop tubes will be raised to 5' above GWT to focus on vadose zone contamination. If MPE modifications are not effective, URS will excavate any remaining vadose zone soil contamination. AZ 11-30-2007 11/30/2007 I have reviewed System Performance Monitoring Report for the period April through August 2007. An e-mail was sent to DDC/URS/V. Brevdo: ...URS will sample all monitoring wells during the next quarterly groundwater event. Also, URS will advance a soil boring near the location of boring SB-05. URS requested NYSDEC permission to shut down the MPE system while samples are collected. This recommendation is rejected. Neither soil sampling results of the previous sampling round nor a figure with estimated extent of soil contamination were included in the report. Soil sampling data should be included in proposals for future borings and/or proposals for the system shutdown. Soil sampling performed in December 2006 showed total VOC contamination in a range of 400, 000 ppb. These high levels of soil contamination justify continuing operation of the MPE system. AZ 6-5-2008 An e-mail was sent to DDC/URS/V.B.: There is a spill #9910856 which was issued for this location and associated with the #2 fuel oil tank. This tank should be identified and the spill addressed. AZ 6/9/08. Address was corrected from 99 East 149 to 125 East 149th to match PBS registration. JMK. 6-11--2008 I updated Jane

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MANHATTAN WEST 09 DOS -DDC (Continued)

S104284721

Staten on the DEC Spill Records. According to the spill records h#2 fuel oil tank was closed in place and closure borings confirmed soil and groundwater contamination. DEC requested investigation/remediation of the heating oil tank. Information regarding investigation/remediation of the heating oil tank has yet to be submitted to DEC. According to Jane Staten (URS), the tank information and the site plan do not match 125 East 149th Street address. They will investigate and report their findings to DEC. AZ 9-12-2008 Reviewed URS report dated June 12, 2008. The report summarized existing information regarding spill #9910856 associated with the #2 fuel oil tank. In investigation Summary and Remedial Plan (ISRP) Addendum 2, dated May 2, 2008, LiRo addressed the issue of the 2,000-gallon heating oil tank closed in-place in December 1999. Closure soil samples were collected on December 13, 1999. LiRo considered the closure data during the design of the MPE system and placed extraction well EW-03 adjacent to TB-02, the only contaminated tank closure sample. The analytical data for LBR-03 was clean, which demonstrated that the soil in in the area had been remediated. Since this spill was addressed by the MPE remediation system URS recommended that spill #9910856 be closed. I concurred with this proposal and based on the above information closed this spill. An e-mail was sent to DDC/URS/V. Brevdo. AZ "

Remarks: "called in for site assessment on closed tanks and found contaminated soil and groundwater, poss sewer. "

Material:

Site ID: 98783
 Operable Unit ID: 1085615
 Operable Unit: 01
 Material ID: 296334
 Material Code: 0001A
 Material Name: #2 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: .00
 Units: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

N78
NNE
 < 1/8
 0.124 mi.
 655 ft.

NYC SANITATION
125 E 149TH ST
BRONX, NY 10451
 Site 6 of 8 in cluster N

RCRA NonGen / NLR 1000110327
ICIS NYD981487069
FINDS
ECHO

Relative:
Lower

RCRA NonGen / NLR:
 Date form received by agency: 01/01/2007
 Facility name: NYC DEPT OF SANITATION
 Facility address: 125 E 149TH ST
 BRONX, NY 104515343
 EPA ID: NYD981487069
 Mailing address: 58TH ST
 WOODSIDE, NY 11377
 Contact: Not reported

Actual:
 19 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC SANITATION (Continued)

1000110327

Contact address: 58TH ST
WOODSIDE, NY 11377
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CITY OF NEW YORK
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: CITY OF NEW YORK
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Site name: NYC DEPT OF SANITATION
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: NYC DEPT OF SANITATION
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC SANITATION (Continued)

1000110327

Date form received by agency: 05/14/1986

Site name: NYC DEPT OF SANITATION

Classification: Small Quantity Generator

. Waste code: D000

. Waste name: Not Defined

. Waste code: D001

. Waste name: IGNITABLE WASTE

. 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F004

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: X001

. Waste name: WASTE OILS

Violation Status: No violations found

ICIS:

Enforcement Action ID: 02-1991-0160
FRS ID: 110004405616
Program ID: RCRAINFO NYD981487069
Action Name: NYC, REFUELING FACILITIES
Full Address: 125 E 149TH ST BRONX NY 104515343
State: New York
Facility Name: NYC SANITATION
Facility Address: 125 E 149TH ST
BRONX, NY 104515343
Enforcement Action Type: Pre-Referral Negotiation
Facility County: BRONX
EPA Region #: 2

Enforcement Action ID: 02-1991-0160
FRS ID: 110004405616
Program ID: FRS 110004405616
Action Name: NYC, REFUELING FACILITIES
Full Address: 125 E 149TH ST BRONX NY 104515343
State: New York
Facility Name: NYC SANITATION
Facility Address: 125 E 149TH ST
BRONX, NY 104515343

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC SANITATION (Continued)

1000110327

Enforcement Action Type: Pre-Referral Negotiation
Facility County: BRONX
EPA Region #: 2

Program ID: FRS 110004405616
Facility Name: NYC SANITATION
Address: 125 E 149TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Program ID: RCRAINFO NYD981487069
Facility Name: NYC SANITATION
Address: 125 E 149TH ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

FINDS:

Registry ID: 110004405616

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.

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 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.

ECHO:

Envid: 1000110327
Registry ID: 110004405616
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004405616

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N79
NNE
< 1/8
0.124 mi.
655 ft.

MANHATTAN WEST 9
125 E 149TH ST
BRONX, NY 10013
Site 7 of 8 in cluster N

NY MANIFEST **1009232100**
N/A

Relative:
Lower

NY MANIFEST:

Country: USA
EPA ID: NYP000858126
Facility Status: Not reported
Location Address 1: 125 E 149TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10013
Location Zip 4: Not reported

Actual:
19 ft.

NY MANIFEST:

EPAID: NYP000858126
Mailing Name: MANHATTAN WEST 9
Mailing Contact: MANHATTAN WEST 9
Mailing Address 1: 125 EAST 149TH STREET
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10013
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2122927531

NY MANIFEST:

Document ID: NYA2073231
Manifest Status: K
seq: Not reported
Year: 1986
Trans1 State ID: 2A126
Trans2 State ID: Not reported
Generator Ship Date: 04/18/1986
Trans1 Recv Date: 04/18/1986
Trans2 Recv Date: / /
TSD Site Recv Date: 04/29/1986
Part A Recv Date: 05/28/1986
Part B Recv Date: 07/22/1986
Generator EPA ID: NYP000858126
Trans1 EPA ID: NYD980756753
Trans2 EPA ID: Not reported
TSD ID 1: NYD981141872
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHATTAN WEST 9 (Continued)

1009232100

Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: Not reported
Waste Code: X722 - WASTE OIL RES FM TANK CLEANING (NJ)
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00410
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

N80
NNE
< 1/8
0.124 mi.
655 ft.

DSNY M DISTRICT 9 GARAGE
125 EAST 149TH STREET
BRONX, NY 10451
Site 8 of 8 in cluster N

NY UST **U001840249**
N/A

Relative:
Lower

UST:
Id/Status: 2-455660 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 12/06/2018
UTM X: 590340.75102
UTM Y: 4519226.13909
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Actual:
19 ft.

Affiliation Records:
Site Id: 20053
Affiliation Type: On-Site Operator
Company Name: DSNY M DISTRICT 9 GARAGE
Contact Type: Not reported
Contact Name: GARAGE SUPERVISOR
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-7532
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-10-11

Site Id: 20053
Affiliation Type: Facility Owner
Company Name: GERARD REALTY COMPANY
Contact Type: DIC
Contact Name: JOHN C.
Address1: 112-20 14TH AVENUE
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DSNY M DISTRICT 9 GARAGE (Continued)

U001840249

City: COLLEGE POINT
State: NY
Zip Code: 11356
Country Code: 001
Phone: (718) 762-0001
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2013-11-18

Site Id: 20053
Affiliation Type: Emergency Contact
Company Name: GERARD RDALTY COMPANY
Contact Type: Not reported
Contact Name: BUREAU OF CLEANING AND COLLECTION
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 885-5051
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-10-11

Site Id: 20053
Affiliation Type: Mail Contact
Company Name: NYC DEPT OF SANITATION
Contact Type: Not reported
Contact Name: GERALD CARANNANTE
Address1: 125 WORTH STREET
Address2: ROOM 823B
City: NEW YORK
State: NY
Zip Code: 10013
Country Code: 001
Phone: (646) 885-4856
EMail: GCARANN@DSNY.NYC.GOV
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2014-12-08

Tank Info:

Tank Number: 001
Tank ID: 174057
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 04/01/2003
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: 0
Material Code: 0001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DSNY M DISTRICT 9 GARAGE (Continued)

U001840249

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: MSBAPTIS
Last Modified: 11/18/2013

Equipment Records:

F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
I02 - Overfill - High Level Alarm
I03 - Overfill - Automatic Shut-Off
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)
E04 - Piping Secondary Containment - Double walled UG
B09 - Tank External Protection - Urethane
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J02 - Dispenser - Suction Dispenser

Tank Number: 001-A
Tank ID: 174069
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 12/01/1980
Date Tank Closed: 12/01/1998
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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DSNY M DISTRICT 9 GARAGE (Continued)

U001840249

Tank Number: 002
Tank ID: 36118
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1980
Date Tank Closed: 07/01/1994
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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Number: 003
Tank ID: 36119
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1980
Date Tank Closed: 07/01/1994
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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DSNY M DISTRICT 9 GARAGE (Continued)

U001840249

C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Number: 004
Tank ID: 36120
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1980
Date Tank Closed: 07/01/1994
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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Number: 005
Tank ID: 36121
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1080
Install Date: 12/01/1980
Date Tank Closed: 07/01/1994
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: TRANSLAT
Last Modified: 03/04/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DSNY M DISTRICT 9 GARAGE (Continued)

U001840249

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Number: 006
Tank ID: 36122
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1080
Install Date: 12/01/1980
Date Tank Closed: 07/01/1994
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: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Number: 007
Tank ID: 36123
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1980
Date Tank Closed: 07/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0012
Common Name of Substance: Kerosene [#1 Fuel Oil] (On-Site Consumption)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DSNY M DISTRICT 9 GARAGE (Continued)

U001840249

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Number: 008
Tank ID: 36124
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1980
Date Tank Closed: 12/01/2000
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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Number: 009
Tank ID: 36125
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1980
Date Tank Closed: 12/01/2000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DSNY M DISTRICT 9 GARAGE (Continued)

U001840249

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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Number: 010
Tank ID: 36126
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: 12/01/1980
Date Tank Closed: 11/01/1999
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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
I04 - Overfill - Product Level Gauge (A/G)
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Number: 011/1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DSNY M DISTRICT 9 GARAGE (Continued)

U001840249

Tank ID: 55704
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1998
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2710
Common Name of Substance: Biodiesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 11/18/2013

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
E04 - Piping Secondary Containment - Double walled UG
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)

Tank Number: 012/2
Tank ID: 60364
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 550
Install Date: 12/01/2000
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated 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: MSBAPTIS
Last Modified: 11/18/2013

Equipment Records:

I02 - Overfill - High Level Alarm
L00 - Piping Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DSNY M DISTRICT 9 GARAGE (Continued)

U001840249

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J00 - Dispenser - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
E04 - Piping Secondary Containment - Double walled UG
K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 013/3
Tank ID: 60365
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2000
Install Date: 12/01/2000
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0015
Common Name of Substance: Motor Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 11/18/2013

Equipment Records:

I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 014/4
Tank ID: 60366
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2000
Install Date: 12/01/2000
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DSNY M DISTRICT 9 GARAGE (Continued)

U001840249

Common Name of Substance: Hydraulic Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 11/18/2013

Equipment Records:

- I02 - Overfill - High Level Alarm
- L09 - Piping Leak Detection - Exempt Suction Piping
- C03 - Pipe Location - Aboveground/Underground Combination
- F04 - Pipe External Protection - Fiberglass
- A00 - Tank Internal Protection - None
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- B04 - Tank External Protection - Fiberglass
- E04 - Piping Secondary Containment - Double walled UG
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin
- D01 - Pipe Type - Steel/Carbon Steel/Iron

R81
SSW
1/8-1/4
0.127 mi.
672 ft.

CON EDISON
351 RIVER AVE
BRONX, NY 10473
Site 1 of 3 in cluster R

NY MANIFEST **S117065697**
N/A

Relative:
Lower

NY MANIFEST:
Country: USA
EPA ID: NYP004582789
Facility Status: Not reported
Location Address 1: 351 RIVER AVE
Code: BP
Location Address 2: SB 14527
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10473
Location Zip 4: Not reported

Actual:
15 ft.

NY MANIFEST:
EPAID: NYP004582789
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S117065697

seq: Not reported
 Year: 2014
 Trans1 State ID: NJD003812047
 Trans2 State ID: Not reported
 Generator Ship Date: 07/01/2014
 Trans1 Recv Date: 07/01/2014
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 07/03/2014
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004582789
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSD ID 1: NJD991291105
 TSD ID 2: Not reported
 Manifest Tracking Number: 002502540GBF
 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: 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

R82
South
1/8-1/4
0.128 mi.
675 ft.

WEDTECH CORP
350 GERARD AVE
BRONX, NY 10451
Site 2 of 3 in cluster R

RCRA NonGen / NLR **1000398024**
FINDS **NYD982273757**
NY MANIFEST
ECHO

Relative:
Lower

RCRA NonGen / NLR:
 Date form received by agency: 01/01/2007
 Facility name: WEDTECH CORP
 Facility address: 350 GERARD AVE
 BRONX, NY 104515432

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEDTECH CORP (Continued)

1000398024

EPA ID: NYD982273757
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: WEDTECH CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: WEDTECH CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
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: WEDTECH CORP
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEDTECH CORP (Continued)

1000398024

Date form received by agency: 07/08/1999
Site name: WEDTECH CORP
Classification: Not a generator, verified

Date form received by agency: 10/01/1987
Site name: WEDTECH CORP
Classification: Large Quantity Generator

. Waste code: NONE
. Waste name: None

Violation Status: No violations found

Evaluation Action Summary:

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

FINDS:

Registry ID: 110009474657

Environmental Interest/Information System

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

NY MANIFEST:

Country: USA
EPA ID: NYD982273757
Facility Status: Not reported
Location Address 1: 350 GERARD 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: NYD982273757
Mailing Name: WEB TECH CORPORATION
Mailing Contact: WEB TECH CORPORATION
Mailing Address 1: 350 GERARD AVENUE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEDTECH CORP (Continued)

1000398024

Mailing Phone: 2129930756

NY MANIFEST:

Document ID: NJA0398855
Manifest Status: K
seq: Not reported
Year: 1988
Trans1 State ID: NJDEPS226
Trans2 State ID: Not reported
Generator Ship Date: 01/04/1988
Trans1 Recv Date: 01/04/1988
Trans2 Recv Date: / /
TSD Site Recv Date: 01/04/1988
Part A Recv Date: 03/03/1988
Part B Recv Date: 01/12/1988
Generator EPA ID: NYD982273757
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSD ID 1: NJD065825341
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: 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: 00165
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

ECHO:

Envid: 1000398024
Registry ID: 110009474657
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110009474657

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R83
South
1/8-1/4
0.128 mi.
675 ft.

350 GERARD CORPORATION
350 GERARD AVENUE
BRONX, NY 10464
Site 3 of 3 in cluster R

NY UST **U002223012**
NY HIST UST **N/A**

Relative:
Lower

UST:
Id/Status: 2-602280 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590216.99764
UTM Y: 4518890.07825
Site Type: Manufacturing (Other than Chemical)/Processing

Actual:
18 ft.

Affiliation Records:
Site Id: 24238
Affiliation Type: Facility Owner
Company Name: 350 GERARD CORPORATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 259 BRUCKNER BOULEVARD
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 585-8787
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 24238
Affiliation Type: Mail Contact
Company Name: 350 GERARD CORPORATION
Contact Type: Not reported
Contact Name: MR. DAVID HOLAND
Address1: 259 BRUCKNER BOULEVARD
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 585-8787
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 24238
Affiliation Type: On-Site Operator
Company Name: 350 GERARD CORPORATION
Contact Type: Not reported
Contact Name: DAVID HOLAND
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

350 GERARD CORPORATION (Continued)

U002223012

Zip Code: Not reported
Country Code: 001
Phone: (718) 292-2275
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 24238
Affiliation Type: Emergency Contact
Company Name: 350 GERARD CORPORATION
Contact Type: Not reported
Contact Name: DAVID HOLLAND
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-2275
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 1
Tank ID: 49709
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 10000
Install Date: Not reported
Date Tank Closed: 05/16/1995
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: 03/04/2004

Equipment Records:

I05 - Overfill - Vent Whistle
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

350 GERARD CORPORATION (Continued)

U002223012

Tank Number: 2
Tank ID: 49710
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 10000
Install Date: Not reported
Date Tank Closed: 05/16/1995
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: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

HIST UST:

PBS Number: 2-602280
SPDES Number: Not reported
Emergency Contact: DAVID HOLLAND
Emergency Telephone: (718) 585-8787
Operator: DAVID HOLLAND
Operator Telephone: (718) 292-2275
Owner Name: 350 GERARD CORPORATION
Owner Address: 259 BRUCKNER BOULEVARD
Owner City,St,Zip: BRONX, NY 10454
Owner Telephone: (718) 585-8787
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: 350 GERARD CORPORATION
Mailing Address: 259 BRUCKNER BOULEVARD
Mailing Address 2: Not reported
Mailing City,St,Zip: BRONX, NY 10454
Mailing Contact: MR. DAVID HOLLAND
Mailing Telephone: (718) 585-8787
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2: Not reported
SWIS ID: 6001
Old PBS Number: Not reported
Facility Type: MANUFACTURING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

350 GERARD CORPORATION (Continued)

U002223012

Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 06/16/1995
Expiration Date: 06/15/2000
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 0
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City: 01
Region: 2

Tank Id: 1
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: Not reported
Capacity (gals): 10000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: Vent Whistle
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 05/16/1995
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 2
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: Not reported
Capacity (gals): 10000
Product Stored: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

350 GERARD CORPORATION (Continued)

U002223012

Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: Vent Whistle
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 05/16/1995
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

L84
SSE
1/8-1/4
0.131 mi.
693 ft.

U-HAUL
350 WALTON AVE
BRONX, NY 10451
Site 3 of 4 in cluster L

RCRA NonGen / NLR **1000871628**
FINDS **NY0000079277**
NY MANIFEST
ECHO

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: U-HAUL
Facility address: 350 WALTON AVE
BRONX, NY 104515413
EPA ID: NY0000079277
Mailing address: WALTON AVE
BRONX, NY 10451
Contact: Not reported
Contact address: WALTON AVE
BRONX, NY 10451
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
33 ft.

Owner/Operator Summary:

Owner/operator name: U-HAUL CO METRO NEW YORK
Owner/operator address: 230 W 230TH ST
BRONX, NY 10463
Owner/operator country: US
Owner/operator telephone: (718) 562-8700
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported
Owner/operator name: U-HAUL CO METRO NEW YORK
Owner/operator address: 230 W 230TH ST
BRONX, NY 10463
Owner/operator country: US
Owner/operator telephone: (718) 562-8700

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

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: U-HAUL
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: U-HAUL
Classification: Not a generator, verified

Date form received by agency: 12/15/1993
Site name: U-HAUL
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

FINDS:

Registry ID: 110004310362

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

U-HAUL (Continued)

1000871628

NY MANIFEST:

Country: USA
EPA ID: NY0000079277
Facility Status: Not reported
Location Address 1: 350 WALTON AE
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: NY0000079277
Mailing Name: U HAUL
Mailing Contact: BAHU SENNY
Mailing Address 1: 350 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: 7189934300

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: TXR000050930
Trans2 State ID: NJD071629976
Generator Ship Date: 11/15/2010
Trans1 Recv Date: 11/15/2010
Trans2 Recv Date: 11/19/2010
TSD Site Recv Date: 11/22/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000079277
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: RID084802842
TSD ID 2: Not reported
Manifest Tracking Number: 002496331SKS
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 4.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Waste Code: D039
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

Document ID: CTF0961215
Manifest Status: Not reported
seq: 01
Year: 2001
Trans1 State ID: CT18028A
Trans2 State ID: Not reported
Generator Ship Date: 03/30/2001
Trans1 Recv Date: 03/30/2001
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/30/2001
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000079277
Trans1 EPA ID: CTD021816889
Trans2 EPA ID: Not reported
TSDF ID 1: CTD002593887
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: 00350
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NYC4672337
Manifest Status: C
seq: Not reported
Year: 1997
Trans1 State ID: NYJE5256
Trans2 State ID: Not reported
Generator Ship Date: 03/07/1997
Trans1 Recv Date: 03/07/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 03/12/1997
Part A Recv Date: / /
Part B Recv Date: 03/21/1997
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NYD000708198
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: 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: 00045
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: NYC4479963

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

Manifest Status: C
seq: Not reported
Year: 1997
Trans1 State ID: ILLP22335
Trans2 State ID: Not reported
Generator Ship Date: 06/03/1997
Trans1 Recv Date: 06/03/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 06/06/1997
Part A Recv Date: / /
Part B Recv Date: 06/17/1997
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NYD000708198
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: 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: 00032
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: NYC3994108
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: NYJU4819

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

Trans2 State ID: Not reported
Generator Ship Date: 01/07/1997
Trans1 Recv Date: 01/07/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 01/15/1997
Part A Recv Date: / /
Part B Recv Date: 02/03/1997
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: KYD053348108
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: 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: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYC4714503
Manifest Status: C
seq: Not reported
Year: 1997
Trans1 State ID: NYGE5256
Trans2 State ID: Not reported
Generator Ship Date: 05/05/1997
Trans1 Recv Date: 05/05/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 05/08/1997
Part A Recv Date: / /
Part B Recv Date: 05/15/1997
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NYD000708198
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported
Export Indicator: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

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: 00047
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: NYC4479276
Manifest Status: C
seq: Not reported
Year: 1997
Trans1 State ID: NY615256
Trans2 State ID: Not reported
Generator Ship Date: 04/30/1997
Trans1 Recv Date: 04/30/1997
Trans2 Recv Date: 05/09/1997
TSD Site Recv Date: 05/10/1997
Part A Recv Date: / /
Part B Recv Date: 05/21/1997
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: MOD095038998
TSDF ID 1: KYD053348108
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

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: 00600
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYC4353142
Manifest Status: C
seq: Not reported
Year: 1997
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 03/07/1997
Trans1 Recv Date: 03/07/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 03/19/1997
Part A Recv Date: / /
Part B Recv Date: 03/27/1997
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID 1: KYD053348108
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: 00150
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYC4435356
Manifest Status: C
seq: Not reported
Year: 1997
Trans1 State ID: NYJU4819
Trans2 State ID: Not reported
Generator Ship Date: 01/07/1997
Trans1 Recv Date: 01/07/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 01/10/1997
Part A Recv Date: / /
Part B Recv Date: 01/23/1997
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NYD000708198
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: 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: 00045
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NYC3543625

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: DL7754
Trans2 State ID: Not reported
Generator Ship Date: 01/05/1996
Trans1 Recv Date: 01/05/1996
Trans2 Recv Date: 01/12/1996
TSD Site Recv Date: 01/14/1996
Part A Recv Date: / /
Part B Recv Date: 02/05/1996
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ARD981908551
TSDF ID 1: KYD053348108
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: 00290
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYC4249157
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: NYJE5256
Trans2 State ID: Not reported
Generator Ship Date: 11/15/1996
Trans1 Recv Date: 11/15/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 11/20/1996
Part A Recv Date: / /
Part B Recv Date: 12/09/1996
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID 1: NYD000708198

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

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:	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:	00068
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	004
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00005
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Document ID:	NYC4300290
Manifest Status:	C
seq:	Not reported
Year:	1996
Trans1 State ID:	NYJE5256
Trans2 State ID:	Not reported
Generator Ship Date:	10/04/1996
Trans1 Recv Date:	10/04/1996
Trans2 Recv Date:	/ /
TSD Site Recv Date:	10/09/1996
Part A Recv Date:	/ /
Part B Recv Date:	10/24/1996
Generator EPA ID:	NY0000079277
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD000708198
TSD ID 2:	Not reported
Manifest Tracking Number:	Not reported
Import Indicator:	Not reported
Export Indicator:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

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: 00052
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NYC4026881
Manifest Status: C
seq: Not reported
Year: 1996
Trans1 State ID: NYJE5256
Trans2 State ID: Not reported
Generator Ship Date: 02/27/1996
Trans1 Recv Date: 02/27/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 03/01/1996
Part A Recv Date: / /
Part B Recv Date: 03/12/1996
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID 1: NYD000708198
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

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: 00052
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NYC4196935
Manifest Status: C
seq: Not reported
Year: 1996
Trans1 State ID: NYJV4819
Trans2 State ID: Not reported
Generator Ship Date: 08/15/1996
Trans1 Recv Date: 08/15/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 08/21/1996
Part A Recv Date: / /
Part B Recv Date: 09/06/1996
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID 1: NYD000708198
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

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: 00051
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NYC4137570
Manifest Status: C
seq: Not reported
Year: 1996
Trans1 State ID: NYJE5256
Trans2 State ID: Not reported
Generator Ship Date: 06/18/1996
Trans1 Recv Date: 06/18/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 06/21/1996
Part A Recv Date: / /
Part B Recv Date: 07/03/1996
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NYD000708198
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: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00051
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NYC4249135
Manifest Status: K
seq: Not reported
Year: 1996
Trans1 State ID: NYJE5256
Trans2 State ID: Not reported
Generator Ship Date: 11/15/1996
Trans1 Recv Date: 11/15/1996
Trans2 Recv Date: 11/22/1996
TSD Site Recv Date: 11/23/1996
Part A Recv Date: / /
Part B Recv Date: 12/13/1996
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: MOD095038998
TSDF ID 1: KYD053348108
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: 00145

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NYC4064466
Manifest Status: C
seq: Not reported
Year: 1996
Trans1 State ID: NYJE5256
Trans2 State ID: Not reported
Generator Ship Date: 04/22/1996
Trans1 Recv Date: 04/22/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 04/24/1996
Part A Recv Date: / /
Part B Recv Date: 05/03/1996
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NYD000708198
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: 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: 00051
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Waste Code: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U-HAUL (Continued)

1000871628

Specific Gravity: 100

Document ID: NYC3543570
Manifest Status: K
seq: Not reported
Year: 1995
Trans1 State ID: DL8162
Trans2 State ID: A40400
Generator Ship Date: 06/13/1995
Trans1 Recv Date: 06/13/1995
Trans2 Recv Date: 06/23/1995
TSD Site Recv Date: 06/25/1995
Part A Recv Date: / /
Part B Recv Date: 07/17/1995
Generator EPA ID: NY0000079277
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: ARD981908551
TSDF ID 1: KYD053348108
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: 00160
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

ECHO:

Envid: 1000871628
Registry ID: 110004310362
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004310362

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

L85
SSE
1/8-1/4
0.131 mi.
693 ft.

GRAND CONCOURSE U-HAUL REPAIR
350 WALTON AVENUE
BRONX, NY 10451
Site 4 of 4 in cluster L

NY AST A100384618
N/A

Relative:
Higher

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-612143
Program Type: PBS
UTM X: 590285.64525
UTM Y: 4518845.93295
Expiration Date: 11/21/2018
Site Type: Trucking/Transportation/Fleet Operation

Actual:
33 ft.

Affiliation Records:

Site Id: 489275
Affiliation Type: Facility Owner
Company Name: AREC 9, LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 2727 N CENTRAL AVE
Address2: Not reported
City: PHOENIX
State: AZ
Zip Code: 85004
Country Code: 001
Phone: (602) 263-6555
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-11-21

Site Id: 489275
Affiliation Type: Mail Contact
Company Name: U-HAUL CO. MANHATTAN BRONX
Contact Type: Not reported
Contact Name: JEFF SONBERG
Address1: 230 WEST 230TH STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10463
Country Code: 001
Phone: (718) 562-8700
EMail: 803_EA@UHAUL.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-12-26

Site Id: 489275
Affiliation Type: On-Site Operator
Company Name: GRAND CONCOURSE U-HAUL REPAIR
Contact Type: Not reported
Contact Name: VICTOR VENGERSAMMY
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

GRAND CONCOURSE U-HAUL REPAIR (Continued)

A100384618

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 401-4241
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-11-21

Site Id: 489275
Affiliation Type: Emergency Contact
Company Name: AREC 9, LLC
Contact Type: Not reported
Contact Name: VICTOR VENGER SAMMY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 642-1228
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-11-21

Tank Info:

Tank Number: 2
Tank Id: 250330

Equipment Records:

C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1995
Capacity Gallons: 55
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: 11/21/2013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE U-HAUL REPAIR (Continued)

A100384618

Material Name: Not reported

Tank Number: 4
Tank Id: 250331

Equipment Records:

- J00 - Dispenser - None
- F00 - Pipe External Protection - None
- G00 - Tank Secondary Containment - None
- L00 - Piping Leak Detection - None
- A00 - Tank Internal Protection - None
- H00 - Tank Leak Detection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- I04 - Overfill - Product Level Gauge (A/G)
- C00 - Pipe Location - No Piping
- K00 - Spill Prevention - None
- D00 - Pipe Type - No Piping
- E00 - Piping Secondary Containment - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1995
Capacity Gallons: 250
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: 11/21/2013
Material Name: Not reported

Tank Number: 5
Tank Id: 250334

Equipment Records:

- J00 - Dispenser - None
- F00 - Pipe External Protection - None
- G00 - Tank Secondary Containment - None
- L00 - Piping Leak Detection - None
- A00 - Tank Internal Protection - None
- H00 - Tank Leak Detection - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- I04 - Overfill - Product Level Gauge (A/G)
- C00 - Pipe Location - No Piping
- K00 - Spill Prevention - None
- D00 - Pipe Type - No Piping
- E00 - Piping Secondary Containment - None

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1995
Capacity Gallons: 250
Tightness Test Method: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE U-HAUL REPAIR (Continued)

A100384618

Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 11/21/2013
Material Name: Not reported

86
SSW
1/8-1/4
0.138 mi.
730 ft.

CON EDISON MANHOLE: 23262
291 EXTERIOR ST
BRONX, NY 10451

RCRA-CESQG **1016149549**
FINDS **NYP004282141**
NY MANIFEST
ECHO

Relative:
Lower

RCRA-CESQG:

Actual:
10 ft.

Date form received by agency: 01/08/2013
Facility name: CON EDISON MANHOLE: 23262
Facility address: 291 EXTERIOR ST
BRONX, NY 10451
EPA ID: NYP004282141
Mailing address: IRVING PL, RM 828
NEW YORK, NY 10003
Contact: CHRISTOPHER BLAICH
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (914) 925-6219
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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 23262 (Continued)

1016149549

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

FINDS:

Registry ID: 110055430494

Environmental Interest/Information System

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

NY MANIFEST:

Country: USA
EPA ID: NYP004282141
Facility Status: Not reported
Location Address 1: 291 EXTERIOR ST
Code: BP
Location Address 2: MH 23262
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004282141
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
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: 2013
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/08/2013
Trans1 Recv Date: 01/08/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/09/2013

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON MANHOLE: 23262 (Continued)

1016149549

Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004282141
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSDF ID 1: NJD002200046
 TSDF ID 2: Not reported
 Manifest Tracking Number: 010408901JJK
 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: 900
 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

ECHO:

Envid: 1016149549
 Registry ID: 110055430494
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110055430494

P87
SE
1/8-1/4
0.144 mi.
758 ft.

388-390 GRAND CONCOURSE
388-390 GRAND CONCOURSE
BRONX, NY 10451
Site 2 of 2 in cluster P

NY AST A100175287
N/A

Relative:
Higher

AST:
 Region: STATE
 DEC Region: 2
 Site Status: Unregulated/Closed
 Facility Id: 2-601186
 Program Type: PBS
 UTM X: 590380.42324

Actual:
35 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

388-390 GRAND CONCOURSE (Continued)

A100175287

UTM Y: 4518777.22663
Expiration Date: N/A
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 23156
Affiliation Type: On-Site Operator
Company Name: 388-390 GRAND CONCOURSE
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: CGFREEDM
Date Last Modified: 2011-08-08

Site Id: 23156
Affiliation Type: Facility Owner
Company Name: NYC HPD
Contact Type: EXEC DIR OF ENV POLICY & IMPLEMENTATION
Contact Name: JOHN E. GEARRITY
Address1: 100 GOLD ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 863-8590
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2011-08-08

Site Id: 23156
Affiliation Type: Emergency Contact
Company Name: NYC HPD
Contact Type: Not reported
Contact Name: DEREK PARSONS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 559-4337
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2014-11-04

Site Id: 23156
Affiliation Type: Mail Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

388-390 GRAND CONCOURSE (Continued)

A100175287

Company Name: NYC HPD
Contact Type: Not reported
Contact Name: ASST COMM - PROPERTY DISPOSITION & FINANCE
Address1: 100 GOLD ST
Address2: 9Y-3
City: NEW YORK
State: NY
Zip Code: 10038
Country Code: 001
Phone: (212) 863-8590
EMail: ALEXANDJ@HPD.NYC.GOV
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2011-08-08

Tank Info:

Tank Number: 1
Tank Id: 44884
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1905
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/31/1998
Register: True
Modified By: CGFREEDM
Last Modified: 08/08/2011
Material Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S88
ENE
1/8-1/4
0.144 mi.
761 ft.

HOSTOS COMMUNITY COLLEGE
500 GRAND CONCOURSE
BRONX, NY 10451
Site 1 of 4 in cluster S

RCRA NonGen / NLR **1014399831**
ICIS **NYR000179218**
US AIRS
FINDS
NY MANIFEST
ECHO

Relative:
Higher

RCRA NonGen / NLR:

Actual:
43 ft.

Date form received by agency: 01/17/2012
Facility name: HOSTOS COMMUNITY COLLEGE
Facility address: 500 GRAND CONCOURSE
BRONX, NY 10451
EPA ID: NYR000179218
Mailing address: GRAND CONCOURSE
DASNY FIELD OFFICE
BRONX, NY 10451
Contact: LOU FICO
Contact address: PENN PLAZA 52ND FLOOR
NEW YORK, NY 10119
Contact country: US
Contact telephone: (646) 879-5604
Contact email: LFICO@DASNY.ORG
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CUNY
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 06/01/1994
Owner/Op end date: Not reported

Owner/operator name: DORMITORY AUTHORITY STATE OF NEW YORK
Owner/operator address: BROADWAY
ALBANY, NY 12207
Owner/operator country: US
Owner/operator telephone: (518) 257-3481
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 07/02/1975
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

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: B007
. Waste name: B007

Historical Generators:

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
Program ID: FRS 110014422730
Action Name: HOSTOS COMMUNITY COLLEGE
Full Address: 500 GRAND CONCOURSE BRONX NY 104515323
State: New York
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
EPA Region #: 2

Enforcement Action ID: 02-2006-0823
FRS ID: 110014422730
Program ID: FIS 2-6004-00091
Action Name: HOSTOS COMMUNITY COLLEGE
Full Address: 500 GRAND CONCOURSE BRONX NY 104515323
State: New York
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
EPA Region #: 2

Enforcement Action ID: 02-2006-0823
FRS ID: 110014422730
Program ID: RCRAINFO NYR000179218
Action Name: HOSTOS COMMUNITY COLLEGE
Full Address: 500 GRAND CONCOURSE BRONX NY 104515323
State: New York
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

EPA Region #: 2

Enforcement Action ID: 02-2003-1006
FRS ID: 110014422730
Program ID: FRS 110014422730
Action Name: AMERICAN GENERAL CONTRACTING, INC.
Full Address: 500 GRAND CONCOURSE BRONX NY 104515323
State: New York
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
EPA Region #: 2

Enforcement Action ID: 02-2003-1006
FRS ID: 110014422730
Program ID: FIS 2-6004-00091
Action Name: AMERICAN GENERAL CONTRACTING, INC.
Full Address: 500 GRAND CONCOURSE BRONX NY 104515323
State: New York
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
EPA Region #: 2

Enforcement Action ID: 02-2003-1006
FRS ID: 110014422730
Program ID: RCRAINFO NYR000179218
Action Name: AMERICAN GENERAL CONTRACTING, INC.
Full Address: 500 GRAND CONCOURSE BRONX NY 104515323
State: New York
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
EPA Region #: 2

Program ID: FIS 2-6004-00091
Facility Name: HOSTOS COMMUNITY COLLEGE
Address: 500 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8222

Program ID: FRS 110014422730
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

Program ID: RCRAINFO NYR000179218
Facility Name: HOSTOS COMMUNITY COLLEGE
Address: 500 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8222

Program ID: FIS 2-6004-00091
Facility Name: HOSTOS COMMUNITY COLLEGE
Address: 500 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8222

Program ID: FRS 110014422730
Facility Name: HOSTOS COMMUNITY COLLEGE
Address: 500 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 8222

Program ID: RCRAINFO NYR000179218
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 NY0000NY2600400091
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 NY0000NY2600400091
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000NY2600400091
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 NY0000NY2600400091
Facility Registry ID: 110014422730
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 NY0000NY2600400091
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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

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 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 its 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.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

1014399831

Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/17/2011
Trans1 Recv Date: 01/17/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/17/2011
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: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 001057587GBF
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: 30.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1.0
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1.0
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

ECHO:

Envid: 1014399831
Registry ID: 110014422730
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110014422730

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

S89
ENE
1/8-1/4
0.144 mi.
761 ft.

HOSTOS COMMUNITY COLLEGE
500 GRAND CONCOURSE
BRONX, NY 10451

NY UST **U004063142**
N/A

Site 2 of 4 in cluster S

Relative:
Higher

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

Actual:
43 ft.

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: On-Site Operator
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: FRANK VIRONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

U004063142

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: 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: 02/10/2015

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

U004063142

L09 - Piping Leak Detection - Exempt Suction Piping
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

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
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: 02/10/2015

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

U004063142

Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 02/10/2015

Equipment Records:

B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

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: 05/19/2008

Equipment Records:

A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
I02 - Overfill - High Level Alarm
K99 - Spill Prevention - Other
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
G07 - Tank Secondary Containment - Excavation Liner
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 010
Tank ID: 196325

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

U004063142

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: 03/28/2005

Equipment Records:

A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
I00 - Overfill - None
L00 - Piping Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
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: 03/28/2005

Equipment Records:

A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
I00 - Overfill - None
L00 - Piping Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

U004063142

B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

S90
ENE
1/8-1/4
0.144 mi.
761 ft.

HOSTOS COMMUNITY COLLEGE
500 GRAND CONCOURSE
BRONX, NY 10451
Site 3 of 4 in cluster S

NY AST **A100294416**
N/A

Relative:
Higher

AST:

Actual:
43 ft.

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: On-Site Operator
Company Name: HOSTOS COMMUNITY COLLEGE
Contact Type: Not reported
Contact Name: FRANK VIRONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 518-4476
EMail: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

A100294416

Modified By: BKFALVEY
Date Last Modified: 2010-06-21

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
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:

I04 - Overfill - Product Level Gauge (A/G)
G02 - Tank Secondary Containment - Vault (w/access)
A00 - Tank Internal Protection - None
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C01 - Pipe Location - Aboveground
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

A100294416

J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
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: 02/10/2015
Material Name: Not reported

Tank Number: 006
Tank Id: 66381
Material Code: 0002
Common Name of Substance: #4 Fuel Oil (On-Site Consumption)

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

Tank Location: 3
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: 02/10/2015
Material Name: Not reported

Tank Number: 007
Tank Id: 182539
Material Code: 0008
Common Name of Substance: Diesel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

A100294416

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
A00 - Tank Internal Protection - None
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
B01 - Tank External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

Tank Location: 3
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: 02/10/2015
Material Name: Not reported

Tank Number: 008
Tank Id: 182540
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

A00 - Tank Internal Protection - None
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
B01 - Tank External Protection - Painted/Asphalt Coating
G01 - Tank Secondary Containment - Diking (Aboveground)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C01 - Pipe Location - Aboveground
E99 - Piping Secondary Containment - Other
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

Tank Location: 3
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE (Continued)

A100294416

Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NTFREEMA
Last Modified: 02/10/2015
Material Name: Not reported

Tank Number: 009
Tank Id: 182541
Material Code: 0008
Common Name of Substance: Diesel

Equipment Records:

G01 - Tank Secondary Containment - Diking (Aboveground)
B01 - Tank External Protection - Painted/Asphalt Coating
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
C01 - Pipe Location - Aboveground
F01 - Pipe External Protection - Painted/Asphalt Coating
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None

Tank Location: 3
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: 02/10/2015
Material Name: Not reported

S91
ENE
1/8-1/4
0.144 mi.
761 ft.

HOSTOS COMMUNITY COLLEGE - TRAILER #5
427 WALTON AVE
BRONX, NY 10451
Site 4 of 4 in cluster S

RCRA-CESQG **1009312355**
NY Spills **NYR000137091**
NY MANIFEST
NJ MANIFEST

Relative:
Higher

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

Actual:
43 ft.

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: BRONX, NY 10451
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: 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
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: 07/01/1990
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
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 05/01/1999
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

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 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:

Facility ID: 0800543
Facility Type: ER
DER Facility ID: 345805
Site ID: 396314
DEC Region: 2
Spill Date: 2008-04-14
Spill Number/Closed Date: 0800543 / 2010-06-24
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
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
Spiller Address: 500 GRAND CONCOURSE
Spiller City, St, Zip: BRONX, NY
Spiller Company: 999
Contact Name: MICHAEL VANDERHEIJDEN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

Contact Phone:
DEC Memo:

(914) 448-2266
"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 overflow. 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 locations of prior borings and assumed downgradient locations. Vought sent letter approving of 5/29/08 proposal with cc to Van Der Heijden.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

07/27/09-Vought-Received call from John Virgie (O'Brien 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 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 -

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

Remarks: which poses a safety concern for drilling through the floor in the tank room, I am closing the spill case."
"DOING SOIL BORINGS CAME UPON CONTAMINATED SOIL"

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

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

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
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: NJA5289719
EPA ID: NYR000137091
Date Shipped: 03/01/2006

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HOSTOS COMMUNITY COLLEGE - TRAILER #5 (Continued)

1009312355

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

T92
NNW
1/8-1/4
0.144 mi.
762 ft.

MOBIL S/S 17-KRQ BRONX TERMINA
99 EAST 149TH STREET
BRONX, NY 10451
Site 1 of 6 in cluster T

NY UST U000407670
N/A

Relative:
Lower

UST:
 Id/Status: 2-156590 / Inactive
 Program Type: PBS
 Region: STATE
 DEC Region: 2
 Expiration Date: N/A
 UTM X: 590232.98255
 UTM Y: 4519246.68835
 Site Type: Unknown

Actual:
5 ft.

Affiliation Records:
 Site Id: 5139

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL S/S 17-KRQ BRONX TERMINA (Continued)

U000407670

Affiliation Type: Facility Owner
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type: Not reported
Contact Name: Not reported
Address1: 3225 GALLOWES RD.; ENV.ENGINEER
Address2: Not reported
City: FAIRFAX
State: VA
Zip Code: 22037
Country Code: 001
Phone: (703) 849-5862
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-03-10

Site Id: 5139
Affiliation Type: Mail Contact
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type: Not reported
Contact Name: Not reported
Address1: 3225 GALLOWES RD.; ENV.ENGINEER
Address2: Not reported
City: FAIRFAX
State: VA
Zip Code: 22037
Country Code: 001
Phone: (703) 849-5862
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-03-10

Site Id: 5139
Affiliation Type: On-Site Operator
Company Name: MOBIL S/S 17-KRQ BRONX TERMINA
Contact Type: Not reported
Contact Name: D SHAPIRIO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 292-4400
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 5139
Affiliation Type: Emergency Contact
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type: Not reported
Contact Name: D SHAPIRIO
Address1: Not reported
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL S/S 17-KRQ BRONX TERMINA (Continued)

U000407670

City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 292-4400
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 27340
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 09/01/1991
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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 27341
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 09/01/1991
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

MOBIL S/S 17-KRQ BRONX TERMINA (Continued)

U000407670

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
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
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 003
Tank ID: 27342
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 09/01/1991
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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

Tank Number: 004
Tank ID: 27343
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 09/01/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL S/S 17-KRQ BRONX TERMINA (Continued)

U000407670

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
J02 - Dispenser - Suction Dispenser

Tank Number: 005
Tank ID: 27344
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 09/01/1991
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: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping
J02 - Dispenser - Suction Dispenser

Tank Number: 006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL S/S 17-KRQ BRONX TERMINA (Continued)

U000407670

Tank ID: 27345
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: 09/01/1991
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: 03/04/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel

Tank Number: 007
Tank ID: 27346
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: 06/09/2000
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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL S/S 17-KRQ BRONX TERMINA (Continued)

U000407670

D02 - Pipe Type - Galvanized Steel

T93
NNW
1/8-1/4
0.144 mi.
762 ft.

BP#13990
99-113 149TH STREET
BRONX, NY 10451

NY UST **U004061896**
N/A

Site 2 of 6 in cluster T

Relative:
Lower

UST:
Id/Status: 2-600626 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 01/22/2017
UTM X: 590277.81300
UTM Y: 4519267.23970
Site Type: Retail Gasoline Sales

Actual:
5 ft.

Affiliation Records:

Site Id: 22606
Affiliation Type: Facility Owner
Company Name: CROSS DEEGAN REALTY CORPORATION
Contact Type: RETAIL COMPLIANCE COORDINATOR
Contact Name: JOHN W. MAHONEY
Address1: 3333 NEW HYDE PARK ROAD, SUITE 201
Address2: Not reported
City: NEW HYDE PARK
State: NY
Zip Code: 11042
Country Code: 001
Phone: (516) 365-8700
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2016-03-11

Site Id: 22606
Affiliation Type: On-Site Operator
Company Name: RIVER GAS & WASH CORP
Contact Type: Not reported
Contact Name: BILLY FARACI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-2526
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-07-01

Site Id: 22606
Affiliation Type: Emergency Contact
Company Name: CROSS DEEGAN REALTY CORPORATION
Contact Type: Not reported
Contact Name: JOHN W. MAHONEY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP#13990 (Continued)

U004061896

Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (973) 392-6150
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2016-03-11

Site Id: 22606
Affiliation Type: Mail Contact
Company Name: BP PRODUCTS NORTH AMERICA, INC
Contact Type: Not reported
Contact Name: JOHN W. MAHONEY
Address1: P.O. BOX 6038
Address2: Not reported
City: ARTESIA
State: CA
Zip Code: 90702
Country Code: 001
Phone: (973) 392-6150
EMail: JOHN.MAHONEY@BP.COM
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2016-03-11

Tank Info:

Tank Number: 01
Tank ID: 43124
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 09/01/1990
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: 21
Date Test: 08/11/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP#13990 (Continued)

U004061896

L99 - Piping Leak Detection - Other
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
J01 - Dispenser - Pressurized Dispenser
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin

Tank Number: 02
Tank ID: 43122
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 09/01/1990
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: 21
Date Test: 08/11/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:

I02 - Overfill - High Level Alarm
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
L99 - Piping Leak Detection - Other
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J01 - Dispenser - Pressurized Dispenser

Tank Number: 03
Tank ID: 43121
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 09/01/1990
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP#13990 (Continued)

U004061896

Tightness Test Method: 21
Date Test: 08/11/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
L99 - Piping Leak Detection - Other
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin

Tank Number: 04
Tank ID: 43125
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 09/01/1990
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: 21
Date Test: 08/11/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:

I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP#13990 (Continued)

U004061896

Tank Number: 05
Tank ID: 43123
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 09/01/1990
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: 21
Date Test: 08/11/2010
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

Tank Number: 06
Tank ID: 49295
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 02/01/1995
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:

B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP#13990 (Continued)

U004061896

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

Tank Number: 07
Tank ID: 49296
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 02/01/1995
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0015
Common Name of Substance: Motor Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
L09 - Piping Leak Detection - Exempt Suction Piping
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

Tank Number: 08
Tank ID: 49297
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1000
Install Date: 02/01/1995
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP#13990 (Continued)

U004061896

Common Name of Substance: Motor Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:

- B04 - Tank External Protection - Fiberglass
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- F04 - Pipe External Protection - Fiberglass
- I02 - Overfill - High Level Alarm
- L09 - Piping Leak Detection - Exempt Suction Piping
- E04 - Piping Secondary Containment - Double walled UG
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin

Tank Number: 09
Tank ID: 49298
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 600
Install Date: 02/01/1995
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0021
Common Name of Substance: Transmission Fluid

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:

- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- F04 - Pipe External Protection - Fiberglass
- I02 - Overfill - High Level Alarm
- L09 - Piping Leak Detection - Exempt Suction Piping
- B04 - Tank External Protection - Fiberglass
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- E04 - Piping Secondary Containment - Double walled UG
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP#13990 (Continued)

U004061896

Tank Number: 10
Tank ID: 62526
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 275
Install Date: 02/01/1995
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: NTFREEMA
Last Modified: 03/11/2016

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G12 - Tank Secondary Containment - Double-Walled (AG only)
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D10 - Pipe Type - Copper
I04 - Overfill - Product Level Gauge (A/G)
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

**T94
NNW
1/8-1/4
0.144 mi.
762 ft.**

**MOBIL
99 EAST 149TH ST
BRONX, NY
Site 3 of 6 in cluster T**

**NY LTANKS S104278682
NY Spills N/A**

**Relative:
Lower**

LTANKS:

Site ID: 268761
Spill Number/Closed Date: 8905353 / 2003-03-04
Spill Date: 1989-08-30
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:
5 ft.**

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 1989-08-30
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1989-09-01
Spill Record Last Update: 2004-06-01
Spiller Name: Not reported
Spiller Company: EXXON MOBIL
Spiller Address: 99 E 149TH ST
Spiller City,St,Zip: BRONX, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 218930
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY 3/04/2003 - Closed Due To The Nature / Extent Of The Spill Report1/2/03 Reassigned From Sigona To Foley. Investigation Being Performed By Spartan Amoco Under Spill #9909670. Open Mobil #9208906.3/3/04 As Per The Closure Request Report Submitted For Mobil By Gsc, Spill #8905353 Initiated A Subsurface Investigation Conducted From 12/11/89-1/10/90 Which Included Installation Of 5 Mws (Mw-1A Thru Mw-5A). Vocs Were Above Groundwater Standards. This Was Summarized In The February 1990 Roux Subsurface Evaluation Report. Mw-1A Through Mw-5A Were Destroyed (4/90-11/91) Due To Construction Activities Conducted By Amoco. Five 4000Gal Gas Usts, One 550Gal Waste Oil Ust, And One 550Gal Fuel Oil Ust And Piping Were Removed From Site.A Subsurface Investigation Conducted In April 1991 Included Installation Of Two Soil Borings And One Monitoring Well(Mw-6). Results Were Summarized In 6/91 Roux Supplemental Subsurface Investigation Report.A Subsurface Investigation Conducted In November 1991 Included Installation Of 11 Monitoring Wells (Mw-1 Through Mw-5 And Mw-7 Through Mw-12) And One Air Sparge Well (Sp-1). Results Were Summarized In A Gti Report.Spill #9208906 Was Issued To The Site On 11/2/92 As A Result Of Contaminated Soil Observed During Amoco Site Construction Activities."
Remarks: "4K TANK FAILED PETRO-TITE. L R = 1 GAL / 30 MIN. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS. "

Material:
Site ID: 268761
Operable Unit ID: 933011
Operable Unit: 01
Material ID: 445790
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 268761

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

Spill Tank Test: 1535936
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

Site ID: 268763
Spill Number/Closed Date: 9909670 / 2008-11-13
Spill Date: 1999-11-09
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 2004-02-11
Cleanup Meets Standard: False
SWIS: 0301
Investigator: jamaison
Referred To: NFA
Reported to Dept: 1999-11-09
CID: 252
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1999-11-09
Spill Record Last Update: 2008-11-13
Spiller Name: HANK ALPERT
Spiller Company: SPARTAN PETROLEUM
Spiller Address: 3333 NEW HYDE PARK ROAD
Spiller City,St,Zip: NEW HYDE PARK, NY 11042-001
Spiller County: 001
Spiller Contact: JAY SEMMELMACHER
Spiller Phone: (516) 295-3400
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 218930
DEC Memo: "PBS 2-156590 1/20/04 File review (Foley): Prior to divesting this site in March 1990, a site assessment was performed by Roux (hired by Mobil) which indicated elevated BTEX existed in both groundwater and soil, but no free product was found. Upon transfer of property(8/90), the new owner began to install new USTs. During tank replacement, 875 tons of contaminated soil was removed and disposed of. During construction, two upgradient wells were destroyed. Three downgradient wells remained intact. The two wells which were destroyed showed ND for BTEX during sampling. In May 1991, there was an apparent vapor problem in the kiosk at the now active Amoco station. Amoco installed a venting system to alleviate the problem. Based on this, Mobil installed two borings and one well in the vicinity of the kiosk. The report indicated that the soils surrounding the kiosk did not contain very high levels of BTEX in soil. The monitoring well installed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

contained 0.01' of product. This well is upgradient of all former Mobil tank areas. Additional construction at the site for a car wash has destroyed three downgradient wells. Thus, only one well remains on the property. However, upon completion of the construction, up to ten additional wells shall be installed at the site. Wells will be installed after construction is completed. 11/91 Eleven monitoring wells and a sparge point were installed. 12/9/91 MW-11 had 0.84' of product. 1/22/92 MW-11 had 0.21' of product. 2/20/92 MW-11 had 7.16' of product. A vac truck has been scheduled on a biweekly basis to extract LNAPL from MW-11. 3/92 LNAPL was detected in MW-11 (0.07-3.02'). Approx 70gal was extracted from MW-11 on 3/4, 3/13, 3/16 using vac truck. Trace amounts of LNAPL were hand-bailed from MW-11 on 3/18 & 3/27. Water sample from car wash well was collected by Tyree, analyzed by Method 602, and returned ND. 4/92 MW-11 had 0.08-0.18' of LNAPL and approx 2.5gal LNAPL bailed. 6/8/92 An EZY Skimmer was installed in MW-11. 7/92-6/93 No LNAPL was detected in any wells. 1/94-3/94 MW-10 had 0.28' product. MW-11 had 0.01' product. 5/94 MW-11 had trace amount of product. 7/1/94 SVE started. DTW 16' bgs. 6 combination SVE/AS points. Will sample all MWs before sparge system started. 2/8/95 0.01' product in BD-1. BTEX from ND(MW-1) to 30,000ppb(MW-5). 10/27/99 Cross Deegan Realty notified by station operator of possible inventory loss. Alvin Petroleum exposed portions of system over next two weeks. No system leaks were detected. 11/9/99 Alvin Petro. requests a tightness test be performed. Crompco detected a leak in one of the four tanks and reported the failure. 11/10/99 Alvin Petro. exposed and removed remote fill box on the tank that failed test. A coupling that connects the piping to the overflow box was found cracked. The coupling was replaced and system retested tight. 11/16/99 Crompco retested system with FDNY and passed. 11/22/99 Impact Environmental performed a limited subsurface investigation of soil adjacent to coupling and concluded that gasoline had impacted soil/GW. Report states that current owner only intends on addressing contamination from 10/99 spill and not the 1992 spill. 10/31/00 Three wells sampled and gauged. SVE system removed from service. ORC socks in wells MW-1 and MW-5. BTEX from 15ppb(MW-12) to 868ppb(MW-1). MTBE from 31ppb(MW-11) to 49,000ppb(MW-1). 2/5/01 Seven wells sampled. BTEX from ND(MW-12) to 240ppb(MW-1). MTBE from <1ppb(MW-12) to 64,000ppb(MW-7). 4/26/01 Seven wells sampled. MTBE has increased in monitoring wells hydraulically downgradient from the current dispenser island and USTs. MTBE ranged from 14ppb(MW-11) to 920,000ppb(MW-10). BTEX ranged from 12.8ppb(MW-11) to 6,080ppb(MW-10). 10/23/01 Eight wells sampled. BTEX from 14ppb(MW-6) to 4,750ppb(MW-10). MTBE from 18ppb(MW-11) to 270,000ppb(MW-10). 1/17/02 Eight wells sampled. BTEX from ND(MW-5) to 1,794ppb(MW-10). MTBE from 29(MW-5) to 65,000ppb(MW-7). 4/30/02 Six wells sampled. BTEX from ND(MW-5 & MW-6) to 1173ppb (MW-10). MTBE from 7.6ppb(MW-1) to 24,000ppb(MW-5). 5/15/02 Sensitive Receptor survey identified PS 31 approx 850' to the southeast. There are residential and commercial buildings with basements immediately adjacent to the site to the north. A subway tunnel is located beneath E 149th St.

03/17/03 REASSIGNED FROM ROMMEL TO VOUGHT. 11/18/03 Received CAP/Remediation Plan, 3rd Quarter 2003 monitoring report, and tank test results(pass). 12/10/03 Reassigned from Vought to Foley. See closed spills #0307681, 9208906. Review of Remediation Plan: A SVE/AS system was installed by Handex and operated on the property to

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

address spill #9208906. The system is comprised of four soil vapor extraction wells and six air sparge points. At this time, the system is not operational. A monitoring program is being performed. 11/9/99 Tank system tightness test performed by Crompco indicated a leak near the remote fill box. The leak was repaired. Soil staining and petroleum odor was noted below the fill box. Spill 9909670 was reported. 11/22/99 Impact Environmental started subsurface investigation. Groundwater results exceeded standards. 7/7, 7/25, 10/23/00 Enhanced fluid recovery performed on MW-2 as an IRM. Impact Environmental proposes 1) monthly EFR on hottest wells for 6 months, 2) replacement/upgrade of air sparge equipment installed to address #9208906, 3) SVES to be modified to include MW-2. 9/3/03 Impact Environmental sampling data (for Amoco): BTEX levels range from ND(MW-5, 11, 12) to 1606ppb(MW-6). MTBE ranges from ND(MW-12) to 650,070ppb(MW-6). 10/6/03 GSC sampling data (for Mobil): BTEX ranged from ND(MW-2) to 3800ppb(MW-6). MTBE ranges from 9.8ppb(MW-11) to 1,240,000ppb(MW-6). 11/26/03 Impact Environmental data from 4Q2003 report shows MW-6 and MW-2 to be hot spots. BTEX ranges from ND(MW-12) to 6923ppb(MW-6). MTBE ranges from ND(MW-12) to 869,600ppb(MW-6). 2/2/04 Faxed stip to Mr. Hank Alpert, Cross Deegan Realty. Due back 2/23/04. (FAX 516-365-1606) 2/11/04 STIP returned. Cover letter states that a previous CAP for spill #9909670 was already approved by DEC and was authorized to develop CAP for spill #0307681 (dated 11/13/03). 2/13/04 STIP fully executed. 3/4/04 Letter received from DDC(Bruce Rottner) to J. Semelmacher. Requests Amoco's participation in DOT reconstruction project instead of reimbursement of cleanup costs. 3/15/04 Called B. Rottner. He explained that he recieved a phonecall from the owners attorney who stated that contamination was from a Dept of Sanitation garage. However, monitoring well on that property was installed and was clean. Spartan will be sending another letter to DDC at which time B. Rottner will forward a copy to me. 3/10/04 Received 1Q04 monitoring report. Need to delineate around MW-6 and MW-2. 6/18/04 Received 2Q2004 monitoring report. 6/30/04 Met with Spartan Petroleum (H. Alpert) and Impact Env. Received hand-delivered letter dated 6/28/04. Site is located on 149th St between Gerard and River Avenues. The site was impacted by a release detected in 1992 while under lease to Mobil Oil. Mobil installed an SVE/AS system. A new release was confirmed and Spartan released Mobil from contractual obligations. As an IRM, EFR was performed on MW-2. Approx 1075gal GW was extracted. An enhanced SVE/AS was run from July 12, 2001 to the present. During the period from 11/9/99 to 3/3/03, there was a steady decline in contaminant concentrations. In May 2003, BTEX concentrations began to increase unexpectedly. A system test was performed and all lines and tanks tested tight. An off-site source was suspected. Identified a NYCDOS truck terminal upgradient. Also found many monitoring wells on the NYSDOS site. Thru a FOIL request, review of the NYSDEC files incidate that the NYCDOS site is impacting 99 E 149th St. Request closure. 10/4/04 Received 3Q04 monitoring report. 11/19/04 Met with K. Kleaka and K. Scroope, Impact Env. NYCDOS property on eastside of Gerard Avenue (DOS Manhattan West 9). See spill #s 9513870, 9910856. 11/23/04 Email from J. Kolleeny- City's consultant, LiRo, had been performing EFR on wells with free product for several years until last year when a multi-phase extraction system went on line. A MW along E 149th St has had product in it which LiRo identified as weathered #2FO. Although they have been willing to vac out this well, and the remedial system now has extraction wells near it, LiRo has

MAP FINDINGS

MOBIL (Continued)

S104278682

argued that the product in the well was likely coming from off-site because they claimed there was no DOS tanks at that end of their site. However, the PBS list an old 2000gal heating oil tank and a new (4/03) tank at the site. Asked LiRo to locate these tanks. Will keep me updated. 4/13/05 Spoke to K. Kleaka, Impact Env. Will be proposing to shutdown system soon as recovery is decreasing. Still concerned about DOS site having impacts on property. Proposal will include confirmatory soil sampling. 5/6/05 1Q05- GW sample collected on 3/14/05 from MW-8 did not detect any VOCs. Samples from MW-1 and MW-5 detected concentrations of VOCs but not above GWQS. MW-12 was paved over. Several detected concentrations from MW-2,6,7,9,10 & 11 exceeded GWQS. These concentrations are within ROI of system. Told H. Benjamin that it was not necessary to reinstall MW-12. 5/23/05 Sent email to K. Kleaka, Impact Env. After reviewing the July 2004-Sept 2004 and Jan 2005-March 2005 quarterly reports for Manhattan West 9 (operated by NYCDOS at 125 East 149th St, Bronx), it is not clear that the contamination detected at MW-2 is due to impacts from the NYCDOS facility. Historical data for 99 E 149th St shows a significant spike of MTBE at MW-6(869.6ppm) and at MW-2(191.2ppm). The historical data for the NYCDOS facility, dating back to 2000(with some data gaps), does not indicate that the facility is acting as a source of off-site contamination. The only MTBE detection in the NYCDOS wells was in the NW corner of the property(170ppb in 1/00). NYSDOS has been operating a MPE system since 11/12/03. 11/8/05 3Q05 report - Total of 537.84lbs of hydrocarbons removed. Approx 9lbs recovered in last 22 day period. Groundwater concentrations highest in MW-2 at 1420ppb total BTEX and 1500ppb MTBE. MW-6 at 100ppb BTEX and 53ppb MTBE. MW-7 at 10ppb BTEX and 56ppb MTBE. 1/11/06 Met with K. Kleaka and H. Benjamin, Impact. To submit 4Q05 report. Redeveloped sparge points to try and increase efficiency of system which continues to operate. 2/17/06 4Q05 report submitted. SVE continues to operate. Lab analysis from 11/28/05 did not detect VOCs in MW-8. Wells MW-5 and MW-11 had concentrations which did not exceed GWQS. Samples from MW-1,2,6,9, and 10 did exceed GWQS. 3/30/06 1Q06 report submitted. BTEX from ND(MW-1,5,6,8,9,11) to 970ppb(MW-2). MTBE from ND(MW-5,6,8) to 980ppb(MW-2). SVE continues to operate. Total estimated hydrocarbons recovered is 538lbs. 6/30/06 DEC lead transferred from K. Foley to J.A. Maisonave. - JAM 11/27/06 Reviewed 2nd and 3rd Qtr 2006 Monitoring Reports. Groundwater contamination persists in the area of monitoring well MW-2 (~4000ppb). H. Benjamin of Impact Env. proposed performing a pulse test on the system to see if rebound will occur since the system appears to have reached asymptotic conditions. I sent an email to Mr. Benjamin requesting a map showing the radius of influence for each air sparge and SVE point and that GW contamination at MW-2 must be addressed. I also asked if there was soil contamination at the site. If so, has the SVE system effectively treated it? Must prove by confirmatory soil sampling. Email is in the file. - JAM 02/13/07 Reviewed a letter submitted by Impact Env. and dated January 17, 2007. The letter proposes: 1. All monitoring wells will be redeveloped utilizing a surge block and vacuum truck. 2. Monthly Enhanced Fluid Recovery (EFR) events will be performed on MW-2 to reduce the contaminant concentrations in the surrounding area. Said events will be performed utilizing a 2X4 inch diameter K-Packer on a 2-inch diameter drop pipe to maximize liquid and vapor capture. 3. Groundwater sampling will continue on a quarterly schedule. 4. SVE & Sparge operations will continue with the existing system. I sent an email approving these proposals.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

Groundwater sampling data and recommendations will be submitted in the next quarterly report. A hard copy of the email will be in the file. - JAM 3/29/07 Reviewed 4th Qtr 2006 Monitoring Report submitted by Impact Env. and dated March 6, 2007. All wells were sampled on November 29, 2006. Results were non-detect for total VOCs except for MW-2, which shows persistent levels of VOCs (2,675ppb Total VOCs). The SVE/AS system continues to operate at the site. According to the report, monthly EFR events on MW-2 should have begun in February 2007 and results will be included in the next Monitoring Report. - JAM 6/21/07 Reviewed 1st Qtr 2007 Monitoring Report submitted by Impact Env and dated May 30, 2007. On February 28, 2007, all wells were redeveloped and EFR events commenced on MW-2 All wells were then sampled on March 1, 2007. Wells MW-1, MW-6, and MW-9 showed non-detect results for total VOCs. Wells MW-5, MW-7, MW-8, MW-10 and MW-11 had slight exceedences for Napthalene (ranging from 68ppb to 100ppb). MW-2 showed a decrease of total VOCs from last monitoring round to 1,936ppb. The SVE/AS system continues to operate. - JAM 12/04/07 Reviewed 2nd Qtr 2007 Monitoring Report submitted by Impact Env and dated Sept 18, 2007. All wells were sampled on June 14, 2007 and monthly EFR events continue on MW-2. Wells MW-1, MW-2, MW-9, MW-10 and MW-11 showed exceedences for total VOCs. Wells MW-5, MW-6 were not sampled because they were dry. MW-2 still has the highest level of VOCs, however, it showed a decrease from the last monitoring round to 857ppb from 1,936ppb. The SVE/AS system continues to operate. - JAM Reviewed 3rd Qtr 2007 Monitoring Report submitted by Impact Env and dated Oct 30, 2007. All wells were sampled on Sept 6, 2007 and monthly EFR events continue on MW-2. Results from wells MW-1, MW-2, MW-5, MW-6, MW-7, MW-8 and MW-9 showed non-detect levels for total VOCs. Wells MW-10, MW-11 showed minor exceedences for MTBE (44ppb and 50ppb respectively). Based on the latest result, monthly EFR events appear to have effectively reduced contaminants in MW-2. The SVE/AS system continues to operate. - JAM 4/14/08 Received a call from Hal Benjamin about the Exposure Assessment submitted in March 2008 by Impact Env. They are requesting spill closure and I will get back to him after I review the report. - JAM 5/1/08 Reviewed Exposure Assessment Report. Based on the Exposure Assessment, Impact Env. concludes that the source of contamination has been effectively mitigated and small levels of residual groundwater contamination pose no threat to human health. Impact requests spill closure. I requested a summary of historic soil data associated with this spill. -JAM 6/11/08 Spoke to Hal Benjamin, Impact. An on-site well provides the operating car wash with water. I requested that this well be sampled and results reported in a letter. Spill closure will be reevaluated when results are available. - JAM 8/8/08 Reviewed letter from Spartan dated July 16, 2008. The on-site well that services the carwash was sampled and all analytes were found non-detect. I called Hal and asked the depth at which the car wash well pulls water from and if there are any sampling requirements for that well. He will get back to me. - JAM 11/13/08 Since the on-site car wash supply well did not detect and VOCs and only minor levels of MTBE were detected in two on-site wells, this site poses no threat to human health or the environment. This spill case was closed and an NFA letter was issued to: Henry Alpert Cross Deegan Realty, Corp. 3333 New Hyde Park Rd, Suite 201 New Hyde Park, NY 11042 NFA letter uploaded to eDocs. - JAM" Not reported

Remarks:

"WILL REPAIR AND RE-TEST AS OF TOMMOROW'S DATE 11-10-99"

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

Material:

Site ID: 268763
Operable Unit ID: 1084425
Operable Unit: 01
Material ID: 298747
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: True
Site ID: 268763
Operable Unit ID: 1084425
Operable Unit: 01
Material ID: 2106716
Material Code: 1213A
Material Name: MTBE (methyl-tert-butyl ether)
Case No.: 01634044
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: True

Tank Test:

Site ID: 268763
Spill Tank Test: 1547826
Tank Number: Not reported
Tank Size: 4000
Test Method: 20
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: USTest 2000/P/LL plus USTest 2000/U

SPILLS:

Facility ID: 0311549
Facility Type: ER
DER Facility ID: 222041
Site ID: 272852
DEC Region: 2
Spill Date: 2004-01-07
Spill Number/Closed Date: 0311549 / 2004-01-14
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 2004-01-13

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

CID: 444
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
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: 2004-01-13
Spill Record Last Update: 2004-04-07
Spiller Name: HANK ALPERT
Spiller Company: SPARTAN PETROLEUM
Spiller Address: 3333 NEW HYDE PARK ROAD
Spiller City,St,Zip: NEW HYDE PARK, NY 11042-001
Spiller Company: 001
Contact Name: BARRY SCHWARTZ
Contact Phone: (718) 391-1333
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY 1/14/2004 contaminated soil letter will be sent to Amaco 1/14/04 To be investigated and remediated under spill #9909670 (KMF)"
Remarks: "DOING SUB SURFACE INVESTIGATION ,FOUND CONTAMINATED SOIL. DIGGING FOR A SEWER PROJECT. WILL NOT BE DOING ANYTHING FURTHER. "

Material:
Site ID: 272852
Operable Unit ID: 876905
Operable Unit: 01
Material ID: 500347
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0307681
Facility Type: ER
DER Facility ID: 218930
Site ID: 268760
DEC Region: 2
Spill Date: 2003-10-21
Spill Number/Closed Date: 0307681 / 2003-12-10
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 2003-10-21

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

CID: 281
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
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: 2003-10-21
Spill Record Last Update: 2004-06-01
Spiller Name: Not reported
Spiller Company: SPARTAN PETROLEUM & MOBIL
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: IMPACT ENVIROMENTAL
Contact Phone: (631) 269-8800
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY 10/21/03 TJD @duty desk Soil contamination letter sent to Amoco. 11/7/03 CALL FROM IMPACT ENV. //REQUESTING INFO// 11/18/03 Received CAP, 3rd Quarter 2003 monitoring report, and tank test results(pass). 11/21/03 transferred from tipple to vought 12/10/03 Reassigned from Vought to Foley. To be investigated and remediated under spill #9909670.(KMF)"

Remarks: "Ground water samples taken at above location reveal contamination. No further information available at time of call."

Material:

Site ID: 268760
Operable Unit ID: 874077
Operable Unit: 01
Material ID: 501206
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported
Site ID: 268760
Operable Unit ID: 874077
Operable Unit: 01
Material ID: 501207
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

Tank Test:

Facility ID: 9708729
Facility Type: ER
DER Facility ID: 218930
Site ID: 268762
DEC Region: 2
Spill Date: 1997-10-25
Spill Number/Closed Date: 9708729 / 1997-11-07
Spill Cause: Deliberate
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: MMMULQUE
Referred To: Not reported
Reported to Dept: 1997-10-25
CID: 322
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: 1997-10-30
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1997-10-25
Spill Record Last Update: 2004-01-30
Spiller Name: Not reported
Spiller Company: AMOCO GAS STATION AT
Spiller Address: 99 EAST 149TH STREET
Spiller City,St,Zip: BRONX, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN 10/30/97 mmm:INSPECTED STATION AND LUBE FACILITY. FOUND NO EVIDENCE OF DELIBERATE DUMPING. "
Remarks: "CALLER STATES SOMEONE AT GAS STATION WAS DUMPING OIL INTO SEWER "

Material:

Site ID: 268762
Operable Unit ID: 1051799
Operable Unit: 01
Material ID: 330681
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

Tank Test:

Facility ID: 9513870
Facility Type: ER
DER Facility ID: 218930
Site ID: 98782
DEC Region: 2
Spill Date: 1996-01-31
Spill Number/Closed Date: 9513870 / 2011-10-13
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: ADZHITOM
Referred To: NFA
Reported to Dept: 1996-01-31
CID: 252
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1996-01-31
Spill Record Last Update: 2011-10-13
Spiller Name: PETER CASLER
Spiller Company: NYC SANITATION DEPT
Spiller Address: 110 EAST 131ST ST
Spiller City,St,Zip: NY NY, NY
Spiller Company: 001
Contact Name: PETER CASLER
Contact Phone: (212) 703-3700
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY LiRo installed and is currently operating a multi-phase extraction system to address soil and groundwater contamination and recover free product. Product in some wells may be from off-site source (?), there's a nearby gas station and it's possible that some product in wells at the gas station may be coming from Manhattan 9. See Kerry Foley for details. Kolleeny approved boring locations for LiRo's semi-annual soil monitoring on October 26, 2004. This site transferred from Kolleeny to A. Zhitomirsky on 4/15/05. - JK 4/20/2005 AZ reviewed a Monitoring Report for the remedial system dated January 28, 2005. The site was formerly managed by Jonathan Kolleeny (NYSDEC). The report presents remedial system performance monitoring data. The report states that based on the site monitoring data, the MPE system is effectively treating contamination. Induced vacuum measurements from monitoring wells MW-3, MW-4 and MW-14 were observed to be below desirable levels. Vacuum should be increased in these wells. LiRo has proposed to shut down extraction wells EW-1, EW-3 and EW-5 since analytical data indicate that no apparent VOC contamination persists in that portion of the site. The Department concurred with this proposal. AZ 6-7-2005 AZ reviewed a Monitoring Report received on May 3, 2005. The report presented remedial system

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

performance and groundwater monitoring data. The report stated that based on the site monitoring data, the MPE system is effectively treating down contamination. In the report LiRo proposed to shut down extraction wells EW-1 through EW-6, EW-13 and EW-14, since soil and groundwater data indicate that no apparent VOC contamination persists away from the Gerard Avenue sidewalk portion of the site. The Department concurred with shutting down EW-1, EW-2, EW-3, and EW-13. The other extraction wells should continue to operate to address the remaining soil and groundwater contamination. However, the induced vacuum measurements from monitoring wells along Gerard Avenue were observed to be below desirable levels. The vacuum in nearby extraction wells should be increased to improve the induced vacuum in these monitoring wells. AZ 8-22-2005 Reviewed a Monitoring Report dated July 29, 2005. The report presented remedial system performance and groundwater monitoring data. In the report LiRo proposed to modify the current groundwater sampling schedule. Also, LiRo recommended completing proposed soil borings LBR-9 and LBR-10 with shallow screens to allow them to serve as pressure monitoring points in order to better evaluate system performance. The Department concurred with these proposals. AZ 1-3-2006 Reviewed a Monitoring Report dated November 30, 2005. The report presents remedial system performance and groundwater monitoring data. The report states that elevated VOC concentrations persist in the area of PM-1. Naphthalene was also observed to exceed NYSDEC guidance value at PM-1. Results of recent groundwater sampling indicate that MW-10 continue to exceed 100 ppb total VOCs. In the report LiRo proposes to shut down several extraction wells. The Department concurred with shutting down wells EW-4, EW-6 and EW-14. The remainder of extraction wells should continue to operate to address the remaining soil and groundwater contamination. AZ 4-10-2006 Reviewed a Monitoring Report dated February 27, 2006. LiRo recommended continued operation of extraction wells EW-8,9 and 10 to continue remediation of the soil contamination recently observed at LBR-9/PM-1. AZ 7/5/2006 Reviewed a Monitoring Report for the remedial system dated April 21, 2006. The site was formerly managed by Jonathan Kolleeny (NYSDEC). The report presents remedial system performance monitoring data. Groundwater samples were collected from monitoring wells MW-2, MW-6 and MW-10 on March 1, 2006. TVOCs in MW-6 is 139 ppb which is the highest number observed in this well. The numbers are on the clear upward trend in this well. MW-10 - TVOCs - 91 ppb, MW- 2 - TVOCs - 91 ppb - upward trend. AZ 11-20-2006 Reviewed a Monitoring Report for the remedial system dated August 9, 2006. URS proposed to advance a confirmation soil boring SB-5 near MW-04, LBR-02 and PM-01. I called J. Staten (URS) and concurred with this proposal. E-mail with the approval for the soil sampling plan was sent to Jane Staten (URS). AZ 12-18-2006 Reviewed a Monitoring Report for the remedial system dated August 10, 2006. MPE is operated at the site. The vacuum measurements ranged from 0 (MW-07) to 3.1 The closest extraction well to MW-07 has been shut off. Total VOCs and naphthalene ranged from 1 ppb to 56 ppb in MW-02. Low volumes of gw were extracted and treated during this monitoring period. URS has instructed Franklin to adjust the drop tubes in an effort to extract more groundwater. AZ 1-9-2007 Reviewed a Monitoring Report July through October 2006 for the remedial system dated November 14, 2006. MPE is operated at the site. Flowmeter broke at the end of September. It was not fixed; therefore, the total amount of gallons treated is unknown. Vacuum readings in MW-14 is 0 on 3 occasions. GW results - 65 ppb of total VOC in MW-02. AZ 1/23/2007 At

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

the meeting with DDC/URS on January 10, 2007, the site was discussed. The firm, ATC Associates, will be taking over operation of Manhattan West 9. DEC requested that URS will analyze and improve performance of MW-14. AZ 7-6-2007 Reviewed a Monitoring Report for the remedial system for the period of November 2006 through January 2007 and dated February 15, 2007. MPE is operated at the site. The MPE flowmeter continues to malfunction and requires replacement, but ATC will replace the flowmeter at this time. According to the report, only monitoring well MW-02 is exhibiting contaminant concentrations above DEC GW Quality Criteria. The minor exceedances in MW-02 are too low for remedial treatment. On December 2006 URS advanced two soil borings. The analytical results showed VOC exceedances of TAGM #4046 in each soil sample. Total VOCs ranged from 403,400 to 446,260 ppb. Based on the latest sampling results URS will operate MPE system using only extraction well EW-09. Also, drop tubes will be raised to 5' above GWT to focus on vadose zone contamination. If MPE modifications are not effective, URS will excavate any remaining vadose zone soil contamination. AZ 11/30/2007 I have reviewed System Performance Monitoring Report for the period April through August 2007. An e-mail was sent to DDC/URS/V. Brevdo: ...URS will sample all monitoring wells during the next quarterly groundwater event. Also, URS will advance a soil boring near the location of boring SB-05. URS requested NYSDEC permission to shut down the MPE system while samples are collected. This recommendation is rejected. Neither soil sampling results of the previous sampling round nor a figure with estimated extent of soil contamination were included in the report. Soil sampling data should be included in proposals for future borings and/or proposals for the system shutdown. Soil sampling performed in December 2006 showed total VOC contamination in a range of 400, 000 ppb. These high levels of soil contamination justify continuing operation of the MPE system. AZ 6-5-2008 An e-mail sent to Jane Staten: I have reviewed the System Performance Monitoring Report and Confirmation Soil Sampling results for the above site. I have a few questions/comments: 1. It seems that the contaminated interval is soil is between 5' and 7' in the area of MW-04. However, you proposing excavation to the depth of five feet. I suggest performing the excavation to the depth of seven feet underground structures and utilities allowing. Also, the area near soil borings B-3.5, LBR-4 and well MW-10 is not covered by your excavation plan. What are your suggestions for this area? Could you submit to DEC soil plume map so we can decide on the extent of the excavation or other soil remediation strategy? AZ 7-18-2008 An e-mail was sent to URS: DEC concurs to the removal of the MPE system under the condition that the remaining contaminated soil be removed via excavation and end-point samples will be taken to confirm complete removal of the contamination. Also, a soil plume map showing historical contaminant concentrations throughout the site should be included in the post excavation remedial report. AZ 9-12-2008 I contacted Jane Staten. She advised me that URS is preparing documentation for soil excavation. They received DEC approval for excavation. AZ 1-5-2009 Reviewed a Monitoring Report through the 3rd Quarter 2008 and dated October 2, 2008. MPE system was operating since April 2004. Currently MPE system is being removed. On July 28 and 29, 2008, URS sampled groundwater monitoring wells. Total VOCs concentrations ranged from non detect to 80 ppb. DEC approved hot spot excavation on September 12, 2008. According to the report, URS is currently preparing the bid documents for the excavation work. Due to the low contaminant concentrations in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

groundwater, DEC suggests decreasing frequency of groundwater sampling from quarterly to semi-annual. An e-mail was sent to DDC/URS/V.Brevdo. AZ 3-3-2009 An e-mail was sent to J. Staten (URS): It seems that monitoring well MW-16 should be decommissioned. If the floor of the garage is covered in oily sludge then a new spill should be called in by the City or URS. Hot spot excavation should be performed as planned. Full round of groundwater sampling should be performed before petitioning for the spill closure. A temporary well (groundwater sampling point) might be installed at the location of MW-16 (which exhibited 83 ppb of the total VOC). AZ 4-23-2009 An e-mail was sent to J. Staten (URS): I have reviewed a Monitoring Report for this site for the 4th Quarter of 2008. The report stated that monitoring well MW-10 will be removed from the monitoring list because no components exceeded the quality criteria. However, downgradient wells should be monitored regardless of the contaminants presence. Since this site has groundwater flowing in northern and western directions, at least one downgradient well should be monitored in each direction. MW-10 should be monitored. Also, one downgradient well should be monitored at the western edge of the plume. AZ 9-10-2009 An e-mail was sent to J. Staten (URS): I have reviewed report for the above site. The report stated that well MW-16 was decommissioned because URS observed that it was filled to the top of the riser with dirt and water. This well consistently showed elevated reading for VOCs. This well should be re-installed. Also, a well downgradient from the contaminated wells should monitored. URS should add a downgradient well to their monitoring schedule. AZ 9-14-09 Based on the latest URS's submissions (report for the 2nd quarter 2009 dated June 10-2009) and on a correspondence from J. Staten, downgradient wells were sampled. MW-16 was sampled over 8-year period. Over this time, well MW-16 did not exhibit compounds above Groundwater Quality Criteria until a minor exceedance occurred in December 2007. Subsequent samples collected in 2008 also showed a couple of compounds above Groundwater Quality Criteria, but the concentrations were not significant (total VOC concentration under 100 ppb). AZ 12-1-09 An e-mail was sent to Jane Staten/Afsar Samani/Marcy Abzagh/Vadim Brevdo: Dear Jane, I have reviewed Summary of the Excavation Activities and Request for Spill Closure for the above site dated August 19, 2009. Also, I'm in receipt of your e-mail dated Nov. 20, 2009. The e-mail stated that the City, through DCAS, is involved with the owner of the Manhattan West 9 Garage (a private party) in an extensive renovation of that building. DDC stated that the planned renovation work is imminent and includes partial replacement of the Garage floor slab which will destroy the monitoring wells inside the garage. The hot spot excavation found that no VOCs or SVOCs were detected in any soil samples. The results of the excavation are approved. Please make sure that grab samples are taken when performing any soil sampling. Composite samples could be taken only in addition to grab samples. Groundwater samples were collected from 19 wells. No groundwater samples were taken from wells MW-15 and MW-16 because they were destroyed. The latest site-wide groundwater sampling results showed that MW-06 had exceedances of VOCs. Also, the latest available results from MW-16, which is destroyed, showed that it had VOCs exceedances. Groundwater natural attenuation is being used at this site as a remedial strategy for groundwater. Since the groundwater wells will be destroyed at this facility during floor slab replacement and the City would like to close this spill, I request that soil sampling should be performed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

while doing garage floor replacement. Special attention should be given to the area where MW- 06 and MW-16 are located. These activities should be coordinated between DCAS and NYCDDC. Environmental consultant should be present at the time of the excavation and perform soil sampling. If signs of contaminated soil/groundwater are observed during the excavation, A NEW SPILL SHOULD BE CALLED IN TO NYSDEC HOTLINE. If contaminated soil is discovered it should be removed to the extent possible, end point samples taken and activities immediately reported to NYSDEC. AZ 3-5-2010 Discussed with Jane Staten sampling plan for MW-9 site. She asked for directions for locations of soil sampling points. If utilities, underground structures and the scope of future work allow, samples should be taken in the area of MW-06, MW-16, diesel dispenser, 550 gal gasoline UST (removed), 4,000 gal diesel UST (removed), 4,000 gal diesel UST, 550 hoist oil, 550 kerosene, 550 motor oil and 550 gasoline USTs (abandoned in place). About 23 samples will be taken. AZ 8-3-2010 An e-mail was sent to H. Roberts: Harvey, Request regarding closure of spill 9513870 was denied as per my letter dated 12/01/2009. Soil sampling should be performed at the site as per my letter. If you have any questions regarding this matter please contact me at 718-482-6387. Thank you, AZ 8-3-2010 An e-mail from H. Roberts: Alex, We've been in touch with DOS regarding the renovation work at the Manhattan West 9 Garage. There is no schedule yet for floor slab replacement (see emails below). We'll let you know when the floor replacement gets scheduled. AZ 10-11-2011 I was contacted by K. Shenahan. The current site owner is postponing work on breaking the existing floor and sampling the soil due to the lack of funds. 10/13/2011 an e-mail was received from K. Shenahan: Alex, NYCDDC s environmental consultants have been successfully implementing site remediation at this site since 2004. Remediation technologies included a multi-phase extraction system, natural attenuation and excavation. Recently, the owner of the property informed NYCDDC that the financing of a proposed facility rehabilitation project would not be approved until the spill number was closed. Therefore, URS has prepared this e-mail to summarize the current situation at this site and formally request closure of spill #9513870. Background There has been no activity on this site since late 2009. The MPE system began operating in April 2004 and consisted of a network of 14 extraction wells. By February 2005, site monitoring data showed that free product was no longer present at the site and groundwater contaminant levels were significantly reduced. In addition, soil borings showed significant decreases in soil contamination. Based on these results, three of the extraction wells were shut off. In October and November 2005, LiRo advanced an additional five soil borings to evaluate system performance. Two of the five borings showed the presence of minor residual contamination. In December 2006, URS completed another round of confirmation soil sampling and the data was clean except for one boring near well EW-09. As a result, operation of the MPE system was focused on the area around EW-09. In October 2007, URS advanced another confirmation soil boring and collected two soil samples from the area that was previously found to be contaminated. This data also indicated the presence of residual soil contamination. On January 24, 2008, URS issued an investigation summary report with recommendations for a hot spot excavation for soil and natural attenuation for groundwater. In an e-mail dated June 5, 2008, the NYSDEC responded to the report with several comments to which URS responded in a letter dated June 12,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

2008. In an e-mail dated July 18, 2008, the NYSDEC approved removal of the MPE system, hot spot excavation, and natural attenuation for groundwater. In addition, the NYSDEC approved closure of spill #9910856 in an e-mail dated September 12, 2008. The hot spot excavation work was performed by Franklin on June 23, 2009. On August 19, 2009, URS issued a report to the NYSDEC documenting the results of soil excavation work conducted to remediate petroleum contaminated soil (soil confirmation sampling results are attached). The As-Built drawing illustrated the limits of soil excavation. The report also included a formal request to close spill #9513870 assigned to the site. The request to close the spill number was based on the fact that the remedial excavation was successful and there was only trace concentrations of volatile organic compounds (VOCs) detected in groundwater samples collected from the site (groundwater data for the past 5 years is attached). On November 20, 2009, URS also sent the NYSDEC an e-mail notifying them that owner of the facility was planning an extensive renovation of the site including replacement of the concrete floor slab which would destroy the monitoring wells located inside the garage. On December 1, 2009, the NYSDEC sent an e-mail to URS indicating the favorable results of soil excavation were acceptable. In addition, the NYSDEC deferred approving the request for spill number closure until after floor slab replacement project. The NYSDEC requested that field screening and soil sampling be conducted during the concrete floor slab replacement project especially in the area of monitoring wells MW-06 and MW-16. The most recent groundwater data collected at the site indicates very low concentrations of VOC in the following wells: MW-02 (14 ppb, no exceedances) MW-06 (42 ppb, 4 exceedances) MW-14 (2 ppb, no exceedances) MW-15 (4 ppb, no exceedances) MW-16 (65 ppb, 2 exceedances) MW-20 (13 ppb, no exceedances) MW-21 (9 ppb, no exceedances) Summary URS is formally requesting spill #9513870 be closed since it appears that the groundwater and soil have been remediated to the limits of the effectiveness of the approved remedial technologies. We hope this summary and attached data provides you with sufficient information to evaluate this request. URS will reiterate to the property owner that if and when he performs the facility rehabilitation project, he is required by law to notify the NYSDEC if petroleum contaminated soils are encountered. AZ The following e-mail was sent to K. Shenahan/V. Brevdo/M. Asbagh: Dear Kevin, I have reviewed the Technical Memo dated October 12, 2011. The Memo stated that NYCDDC's Environmental Consultants have been successfully implementing site remediation since 2004. Remediation technologies included a multi-phase extraction (MPE) system and excavation. MPE system was operating at the site in 2004-2008. As a result, free phase product was no longer present at the site and groundwater contaminant levels were significantly reduced. The hot spot excavation work was performed in 2009. Post excavation end point sampling detected that no VOCs or SVOCs were detected in any soil samples. The remedial excavation was successful and there was only trace concentrations of volatile organic compounds (VOC) detected in groundwater. Based on the most recent groundwater sampling results, only six minor exceedances of groundwater standards were detected. A current owner of the facility is planning an extensive renovation of the site including replacement of the concrete floor slab which would destroy the monitoring wells located inside the garage. If contamination is encountered during the slab replacement, a spill should be called in. Based on the documentation provided to date,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

spill case 9513870 has been closed. All monitoring wells associated with this project should be closed according to the Department's Groundwater Monitoring Well Decommissioning Procedures . The Department hereby reserves all of its rights concerning, and such forbearance shall not extend to, any further investigation or remedial action the Department deems necessary due to: I. The off-site migration of petroleum contaminants that was not addressed by this evaluation. II. Environmental conditions related to the Site which were unknown to the Department at the time of this approval. III. Information received, in whole or in part, after the Department's spill case closure, which indicates that the corrective action was not sufficiently protective of human health for the reasonably anticipated use(s) of the site; or IV. Fraud in obtaining this approval for inactivation. Please be advised that you should maintain a permanent file of all documentation and correspondence regarding this case for future use. The Department's files regarding this release may not be maintained indefinitely. Sincerely, Alex Zhitomirsky "

Remarks: "under ground tanks with unk petroleum or waste oil have caused soil to be contaminated-still under investigation"

Material:

Site ID: 98782
Operable Unit ID: 1028354
Operable Unit: 01
Material ID: 2096795
Material Code: 1213A
Material Name: MTBE (methyl-tert-butyl ether)
Case No.: 01634044
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported
Site ID: 98782
Operable Unit ID: 1028354
Operable Unit: 01
Material ID: 357575
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9208906
Facility Type: ER
DER Facility ID: 218930
Site ID: 272854
DEC Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

Spill Date: 1992-11-02
Spill Number/Closed Date: 9208906 / 2004-04-06
Spill Cause: Unknown
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 1992-11-02
CID: Not reported
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: True
Remediation Phase: 0
Date Entered In Computer: 1992-11-04
Spill Record Last Update: 2005-07-20
Spiller Name: Not reported
Spiller Company: EXXON MOBIL
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY 10/10/95: This is additional information about material spilled from the translation of the old spill file: CONTAM. SOIL G/W. 12/10/03 Reassigned from Sigona to Foley. 1/28/04 Spoke to Brian Melancon of GSC (845-561-9890), Mobil's consultant. Mobil wants to close out spills. They divested property in March 1990 but have been active in remediating their spill. Cross Deegan Realty only plans on addressing their spill #9909670 (by restoring to pre-spill conditions). I requested that GSC send in a formal closure request with data justifying closure of Mobil spills. 3/1/04 GSC submitted closure request report. 7/94-10/00 ExxonMobil operated an SVE/AS system removing approx 8861 lbs of VOCs. Four air sparge/vapor extraction wells and one air sparge well were installed. In October 2000, the system was shut down due to asymptotic recovery rates. DEC was notified of system deactivation in March 2001 Handex Site Status Report. Spill #9708729 was issued to the site on 10/25/97 in response to dumping of oil into sewer system. Spill #9909670 was issued to the site on 11/9/99 for petrotite failure on 4000gal gas UST. 4/6/04 NFA letter to be hand delivered at Albany meeting 4/7. Reviewed GSC's closure request report(3/1/04). Concentrations were decreasing to ND prior to Spartan's tank test failure. See Spartan files (spill #9909670)"

Remarks: "FROM PRIOR TO MAR 90 CONTAM. SOIL EXISTS-OLD MONITORING WELLS(3)DESTROYED DURING CONSTRUCTION EXCAV.-CONTAM.SOIL EXCAV.OR TO BE EXCAV & STOCKPILED ON POLY-TEST"

Material:
Site ID: 272854
Operable Unit ID: 975648
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL (Continued)

S104278682

Material ID: 405978
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

[Click this hyperlink](#) while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

**T95
NNW
1/8-1/4
0.144 mi.
762 ft.**

**BP WEST COAST PRODUCTS #13990
99 E 149TH ST
BRONX, NY 10451
Site 4 of 6 in cluster T**

**RCRA-CESQG 1000556230
US AIRS NYD986987899
NY MANIFEST
NJ MANIFEST**

**Relative:
Lower**

RCRA-CESQG:

**Actual:
5 ft.**

Date form received by agency: 10/12/2011
Facility name: BP WEST COAST PRODUCTS #13990
Facility address: 99 E 149TH ST
BRONX, NY 10451
EPA ID: NYD986987899
Mailing address: PO BOX 80249
RANCHO SANTA MARGARITA, CA 92688
Contact: MARK OKAMOTO
Contact address: PO BOX 6038
ARTESIA, CA 90702
Contact country: US
Contact telephone: (723) 743-0901
Contact email: MARK.OKAMOTO@BP.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: BP WEST COAST PRODUCTS
Owner/operator address: PO BOX 6138

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS #13990 (Continued)

1000556230

ARTESIA, CA 90702
Owner/operator country: US
Owner/operator telephone: (714) 670-3928
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/13/1970
Owner/Op end date: Not reported

Owner/operator name: BP WEST COAST PRODUCTS
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/13/1970
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
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: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Historical Generators:

Date form received by agency: 01/01/2007
Site name: RIVER GAS CORP
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Site name: RIVER GAS CORP
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: RIVER GAS CORP
Classification: Not a generator, verified

Date form received by agency: 12/13/1991
Site name: RIVER GAS CORP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS #13990 (Continued)

1000556230

Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

US AIRS MINOR:

Envid: 1000556230
Region Code: 02
Programmatic ID: AIR NY0000NY2600400054
Facility Registry ID: 110001566225
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 NY0000NY2600400054
Facility Registry ID: 110001566225
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: 1988-04-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYD986987899
Facility Status: Not reported
Location Address 1: 99 E 149TH ST
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: NYD986987899

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS #13990 (Continued)

1000556230

Mailing Name: BP WEST COAST PRODUCTS #13990
Mailing Contact: BP PRODUCTS NORTH AMERICA
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: 2011
Trans1 State ID: NJR000023036
Trans2 State ID: Not reported
Generator Ship Date: 10/18/2011
Trans1 Recv Date: 10/18/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/18/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD986987899
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 004059749JJK
Import Indicator: N
Export Indicator: N
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: 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: 540.0
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: D018
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

BP WEST COAST PRODUCTS #13990 (Continued)

1000556230

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

NJ MANIFEST:

EPA Id: NYD986987899
Mail Address: E 149TH ST
Mail City/State/Zip: BRONX, NY 10451
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: Not reported
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: 004059749JJK
EPA ID: NYD986987899
Date Shipped: 10/18/2011
TSDf 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: 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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP WEST COAST PRODUCTS #13990 (Continued)

1000556230

Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: BRONX, NY 10451
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D018
Hand Code: H061
Quantity: 540.00 Pounds

**T96
NNW
1/8-1/4
0.147 mi.
775 ft.**

**CON EDISON
91 E 149TH ST FRONT OF
BRONX, NY 10451**

**NY MANIFEST S117062310
N/A**

Site 5 of 6 in cluster T

**Relative:
Lower**

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

**Actual:
5 ft.**

NY MANIFEST:
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062310

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
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

T97
NNW
1/8-1/4
0.147 mi.
775 ft.

CON EDISON SERVICE BOX: 7105
91 E 149TH ST FRONT OF
BRONX, NY 10451
Site 6 of 6 in cluster T

RCRA NonGen / NLR **1017776781**
FINDS **NYP004546511**

Relative:
Lower

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

Actual:
5 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 7105 (Continued)

1017776781

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: 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

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.

98
South
1/8-1/4
0.155 mi.
816 ft.

CON EDISON MANHOLE 4492
GERARD AVE & E 140TH ST
BRONX, NY 10451

RCRA NonGen / NLR 1014926778
NY MANIFEST NYP004245635
NJ MANIFEST

Relative:
Lower
Actual:
16 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/17/2012
Facility name: CON EDISON MANHOLE 4492
Facility address: GERARD AVE & E 140TH ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 4492 (Continued)

1014926778

BRONX, NY 10451
EPA ID: NYP004245635
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: CHRISTOPHER BLAICH
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:

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: 12/18/2011
Site name: CON EDISON MANHOLE 4492
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004245635
Facility Status: Not reported
Location Address 1: GERALD AVE & E140 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: NYP004245635
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: CONSOLIDATED EDISON
Mailing Address 1: 4 IRVING PLACE ROOM 828
Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 4492 (Continued)

1014926778

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: 2011
Trans1 State ID: MAD039322250
Trans2 State ID: MAD039322250
Generator Ship Date: 12/19/2011
Trans1 Recv Date: 12/19/2011
Trans2 Recv Date: 12/20/2011
TSD Site Recv Date: 12/20/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004245635
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 003949143FLE
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: 1000.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: L Landfill.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 4492 (Continued)

1014926778

NJ MANIFEST:

EPA Id: NYP004245635
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: CHRISTOPHER BLAICH
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: 003949143FLE
EPA ID: NYP004245635
Date Shipped: 12/19/2011
TSDf EPA ID: NJD991291105
Transporter EPA ID: MAD039322250
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 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON MANHOLE 4492 (Continued)

1014926778

Was Load Rejected: NEW YORK, NY 10003
 Reason Load Was Rejected: Not reported
 Waste:
 Manifest Year: Not reported
 Waste Code: D008
 Hand Code: H141
 Quantity: 1,000.00 Pounds

**99
 ESE
 1/8-1/4
 0.156 mi.
 822 ft.**

**GERARDO WOODWORKING
 168 EAST 144TH STREET
 BRONX, NY**

**NY LTANKS S118462493
 N/A**

**Relative:
 Higher**

LTANKS:

**Actual:
 32 ft.**

Site ID: 517649
 Spill Number/Closed Date: 1509044 / Not Reported
 Spill Date: 2015-12-04
 Spill Cause: Tank Test Failure
 Spill Source: Commercial/Industrial
 Spill Class: Not reported
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 0301
 Investigator: SXMAHAT
 Referred To: Not reported
 Reported to Dept: 2015-12-04
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Involvement: False
 Remediation Phase: 1
 Date Entered In Computer: 2015-12-04
 Spill Record Last Update: 2016-04-08
 Spiller Name: GERADO BOHORQUEZ
 Spiller Company: GERARDO WOODWORKING
 Spiller Address: 168 EAST 144TH STREET
 Spiller City,St,Zip: BRONX, NY
 Spiller County: 999
 Spiller Contact: GERADO
 Spiller Phone: (718) 401-8584
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 471971
 DEC Memo: "12-4-15 - Obligado - DEsk Duty - Called TJ at Heinrech. Left a message to call back the DEC. 550 tank #2 fuel oil UST. Dry leak. The tank is about half full, 240 gallons. It is a simple system, with a remote fill, and a vent pipe. He was unable to determine the casue of the leak. Heinrech was hired by a potential buyer. TTF mail merge list updated. I called Mr. Gerardo Bohorquez. I left a message to call back the spills duty desk. Spill assigned to Santosh Mahat. 1/14/16 - Austin - I received a call from Ed Townsend (845-249-0958),

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GERARDO WOODWORKING (Continued)

S118462493

a consultant representing the owner of this tank. He indicated that this test was done by a prospective buyer of this property. Mr. Townsend wanted to know how to proceed in getting this matter resolved. He had already had a tank-only test done (passed, according to him) and found a problem with the fill line. However, he said that when the fill was dug out for replacement, no soil contamination was encountered. I asked about the tank-to-boiler line (above ground, no leaks) and the vent line (he indicated that that might have had a failure, as well, but it was replaced, too). I told him to write this all up, include any documentation and photos, and send it to DEC Mahat via e-mail. He indicated he would do so. - end 4/7/16:Mahat t/c : Mahat "

Remarks: "failed tank test"

Material:

Site ID: 517649
 Operable Unit ID: 1266718
 Operable Unit: 01
 Material ID: 2270669
 Material Code: 0001A
 Material Name: #2 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: Not reported
 Units: Not reported
 Recovered: Not reported
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

U100
ENE
1/8-1/4
0.160 mi.
845 ft.

MTA NYCT - 149TH ST GRAND CONCOURSE STA
E 149TH ST & GRAND CONCOURSE
BRONX, NY 10451
Site 1 of 2 in cluster U

RCRA-CESQG 1007571090
NY MANIFEST NYR000126490

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;

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

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: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 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
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

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

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

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: 02/25/2013
Trans1 Recv Date: 02/25/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/25/2013
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
TSDF ID 2: Not reported
Manifest Tracking Number: 000960154GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N

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

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: 1497
Units: P - Pounds
Number of Containers: 6
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

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: 06/10/2013
Trans1 Recv Date: 06/10/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/10/2013
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
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010407135JJK
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

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

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 600
Units: P - Pounds
Number of Containers: 3
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

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: 08/08/2013
Trans1 Recv Date: 08/08/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/08/2013
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
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010913523JJK
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: 80
Units: P - Pounds
Number of Containers: 1
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.

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

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

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
TSD ID 1: NJD002200046
TSD 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

Document ID: Not reported

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

Manifest Status: Not reported
seq: Not reported
Year: 2012
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 12/07/2012
Trans1 Recv Date: 12/07/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/07/2012
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
TSDF ID 2: Not reported
Manifest Tracking Number: 010918597JJK
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: 800.0
Units: P - Pounds
Number of Containers: 4.0
Container Type: DM - Metal drums, barrels
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

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: 12/07/2012
Trans1 Recv Date: 12/07/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/07/2012

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

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
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 010918597JJK
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: 200.0
Units: P - Pounds
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
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

Document ID: NYH1309221
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: NYAC92622
Trans2 State ID: Not reported
Generator Ship Date: 08/19/2004
Trans1 Recv Date: 08/19/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/31/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000126490
Trans1 EPA ID: NYD986938645
Trans2 EPA ID: Not reported
TSD ID 1: NYD049836
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported

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

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: B004 - PCB ARTICLES WITH 50 PPM BUT < 500 PPM
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 00200
 Units: K - Kilograms (2.2 pounds)
 Number of Containers: 002
 Container Type: DM - Metal drums, barrels
 Handling Method: B Incineration, heat recovery, burning.
 Specific Gravity: 01.00

U101
ENE
1/8-1/4
0.160 mi.
845 ft.

CON EDISON
E 149TH ST & GRAND CONCOURSE
BRONX, NY 10455

RCRA-CESQG **1012185309**
NY MANIFEST **NYP004161121**

Site 2 of 2 in cluster U

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 09/12/2008
 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: Not reported
 Contact telephone: (212) 580-8383
 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

Actual:
43 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185309

the cleanup of a spill, into or on any land or water, of acutely 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

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

1012185309

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
 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

V102
 SSE
 1/8-1/4
 0.160 mi.
 847 ft.

MERIT GRAND CONCOURSE
370 GRAND CONCOURSE
BRONX, NY 10451
 Site 1 of 2 in cluster V

NY UST U001839205
 NY Spills N/A

Relative:
 Higher

UST:
 Id/Status: 2-297437 / Unregulated/Closed
 Program Type: PBS
 Region: STATE
 DEC Region: 2
 Expiration Date: N/A
 UTM X: 590362.90040
 UTM Y: 4518733.27522
 Site Type: Retail Gasoline Sales

Actual:
 34 ft.

Affiliation Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

U001839205

Site Id: 13736
Affiliation Type: Facility Owner
Company Name: MERIT OIL OF NEW YORK INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 551 W LANCASTER AVE
Address2: Not reported
City: HAVERFORD
State: PA
Zip Code: 19041
Country Code: 001
Phone: (610) 527-7900
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 13736
Affiliation Type: Mail Contact
Company Name: MERIT OIL OF NEW YORK INC.
Contact Type: Not reported
Contact Name: ENGINEERING DEPARTMENT
Address1: 551 W LANCASTER AVE
Address2: Not reported
City: HAVERFORD
State: PA
Zip Code: 19041
Country Code: 001
Phone: (610) 527-7900
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 13736
Affiliation Type: On-Site Operator
Company Name: MERIT GRAND CONCOURSE
Contact Type: Not reported
Contact Name: MERIT OIL OF NEW YORK, INC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 590-7363
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 13736
Affiliation Type: Emergency Contact
Company Name: MERIT OIL OF NEW YORK INC
Contact Type: Not reported
Contact Name: G STEININGER-DIVISION MANAGER
Address1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

U001839205

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 731-4100
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 1
Tank ID: 30650
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 11/01/1977
Date Tank Closed: 11/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 07/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
D02 - Pipe Type - Galvanized Steel
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

Tank Number: 2
Tank ID: 30651
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 11/01/1977
Date Tank Closed: 11/01/1998
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

MERIT GRAND CONCOURSE (Continued)

U001839205

Tightness Test Method: 20
Date Test: 07/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
D02 - Pipe Type - Galvanized Steel
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

Tank Number: 3
Tank ID: 30652
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 11/01/1977
Date Tank Closed: 11/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 07/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
D02 - Pipe Type - Galvanized Steel
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

Tank Number: 4
Tank ID: 30653
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 11/01/1977
Date Tank Closed: 11/01/1998

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

U001839205

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 07/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

Tank Number: 5
Tank ID: 30654
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 11/01/1977
Date Tank Closed: 11/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 20
Date Test: 07/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
D02 - Pipe Type - Galvanized Steel
H99 - Tank Leak Detection - Other
J02 - Dispenser - Suction Dispenser

Tank Number: 6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

U001839205

Tank ID: 30655
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 11/01/1977
Date Tank Closed: 11/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 20
Date Test: 07/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
H99 - Tank Leak Detection - Other
C00 - Pipe Location - No Piping

SPILLS:

Facility ID: 9814075
Facility Type: ER
DER Facility ID: 168750
Site ID: 202878
DEC Region: 2
Spill Date: 1999-02-17
Spill Number/Closed Date: 9814075 / Not Reported
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: RVKETANI
Referred To: 042616 REVWED 1ST QRTR 2016 MONIT RPT
Reported to Dept: 1999-02-22
CID: 270
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Affected Persons
Cleanup Ceased: 2004-03-16
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 5
Date Entered In Computer: 1999-02-22
Spill Record Last Update: 2016-04-26
Spiller Name: SCOTT CULLINAN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

U001839205

Spiller Company: HESS/MERIT STATION
Spiller Address: 370 GRAND CONCOURSE
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: SCOTT CULLINAN
Contact Phone: (610) 527-7900
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN 1/5/04 BPAmoco in operation and taking responsibility for southern half of property. Reference spill #0111974.(KMF). 11/26/2003 Reassigned from O'Dowd to Sun. 01/29/2004-Sun-File Update by Sun: Sun sent a Stipulation Agreement to Hess requiring the complete delineation of the contamination, including the restoration of MW-1 and MW-8, and submittal of the Operation, Maintenance and Monitoring Plan. The Department approves the remedial action plan prepared by EnviroTrac, dated July, 2001. The Department set a deadline of 2/20/04 for the Respondent to return the signed Stipulation Agreement. (WJS) 03/26/04- The Stipulation Agreement was signed by Hess on 03/10/04 and executed by the Department on 03/24/04. (WJS) 08/11/04-File Update by Sun: On 08/11/04 Sun approves the Investigation Plan submitted July 8, 2004 by Michael Matri, Project Manager for Hess Corp.The two soil borings/monitoring wells proposed in the Investigation Plan will be used to replace well MW-8 and will be located east and west of the former MW-8 location. The approved letter was mailed to Hess on 08/11/04. (WJS) 05/09/05-File Update by Sun: On 05/05/05, thr Department held a project review meeting with Hess' Project Manager (Mike Matri) and his consultant (EnviroTrac). Per Mike Matri, EnviroTrac has contacted Metropolitan Transportation Authority (MTA) in order to obtain access to delineate along the eastern (up-gradient) portion of the site adjacent to the MTA New York City Transit subway. Currently, Hess drilling contractor, Submmit Drilling Co., Inc., is obtaing the necessary Railroad Protective Liability Policy to satisfy MTA's insurance requirements. The delineation will be conducted once the work is approved by the MTA.(WJS) 10/27/05: Site reassigned from Sun to Andersen. 10/27/05: Reviewed the second quarterly 2005 update report dated 8/19/05. Additional delineation is still in progress. 12/6/05: Reviewed quarterly report dated 11/22/05. Six monitoring wells sampled on October 6, 2005. Max BTEX 3,309.4 ppb (MW13) and max MTBE 1,250ppb (MW13). Additional delineation delayed while waiting for MTA permit. 1/26/06: 1/25/06 meeting with Quantum, NYSDEC, and ET. Additional delineation is currently awaiting an MTA permit. 3/29/06: Received email from Thomas Bosshard of EnviroTrac : The two (2) up-gradient monitoring wells at the referenced site have been successfully installed. The new monitoring wells will be incorporated into the site's quarterly groundwater monitoring schedule with the second quarter 2006 sampling event scheduled for April 2006. The monitoring well installations and April 2006 groundwater monitoring event will be summarized in the site's next quarterly Update Report. 6/12/06: Reviewed the first quarterly 2006 update report. Groundwater samples collected on January 19, 2006. Max BTEX 6,032 ppb (MW12), max MTBE 2,830 ppb (MW12). Upgradient on-site wells installed in March. Installation of a well downgradient of MW12 and a RAP required by September 12, 2006. 6/30/06: Meeting on 6/28/06 with Hess, NYSDEC, Quantum, EnviroTrac and GSC. Hess will ask for access to the adjacent RR yard to delineate. ORC may be utilized as a remedial method. 7/12/06: Reviewed second quarterly 2006 report. ORM socks in MW12 and 13. ORC socks will be installed in MW15 and MW16. Groundwater samples

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

U001839205

collected on 4/4/06. Max BTEX 13,571 ppb (MW15). Max MTBE 964 ppb (MW12). 8/23/06: Received email from Erin Goelz of ET. Delineation not possible in the metronorth area east of the site. Delineation possible on Park Avenue, but this is far from the site. Three wells on Park Avenue were proposed. Wells not required by the Department because they are far from the site. RAP due 9/12/06. 8/29/06: Spoke with Ed Russo. A request for an extension for RAP submission will be required because pilot testing will be conducted on site. Local treatment is not feasible due to subsurface piping on site and the subway nearby. An email request for an extension will be submitted. Power supply at the site may be problematic, ConEdison will be contacted. This site is currently a BP gasoline station. 9/8/06: Received email from Ed Russo. Requested extension until November 30 to submit RAP in order to complete SVE pilot testing on MW's 12 and 13. SVE test tentatively scheduled for October 15. ORC socks will be installed in MW 15 and 16 ASAP. Extension approved. 10/5/06: Received update report dated 9/27/06. Wells sampled on 7/13/06. Fluctuating concentrations. Max BTEX 81,251ppb (MW15), max MTBE 1,650 ppb (MW12). ORM socks installed in MW 15 and 16. Contamination may be in the bedrock. RAP due 11/30/06. 12/7/06: RAP conditionally approved. SVE will be used in six wells, STRE in MW 15 and 16 because could not trench in this area, ORC socks in six wells. Conditions of approval: 1) more aggressive groundwater remedial strategy for MW MW 12, 15, 16, and 2) treatment method air effluent. 12/28/06: Reviewed update report dated 12/20/06. Fluctuating gw concentrations. Max BTEX 39,412 ppb (MW15), max MTBE 718 ppb (MW12). 1/17/07: Meeting on 1/16/07. This is the only Hess site not being transferred to Delta. A RAP addendum will be submitted addressing gw contamination. 3/13/07: Reviewed update report. Wells sampled on 1/11/07. Max BTEX 31,608 ppb (MW15), max MTBE 1,140 ppb (MW12). Fluctuating groundwater concentrations. ORM socks installed in MW9, and MW12-MW16. SVE system not installed yet. Emailed Hess, EnviroTrac regarding the SVE implementation schedule, and for details on the existing Well Stripper system on site. 3/15/07: Received email from Ed Russo: I sent you an email on 2/23 summarizing the well stripper, how it works, etc. Please confirm that you received that email. If not, I will resend it. If you did receive it and have further questions or comments, let me know and I will provide you with any additional information you may need. As for the schedule, we are currently working with BP (who currently operates the site) in an effort to connect our system to the BP station's existing electrical system. This would obviously save a great deal of time since CONED has been very slow to provide us new power drops for some of our other recent systems. We are also working with BP on an access agreement to install the system. Once these issues have been resolved, the system will be installed. Due to the fact that most of the subsurface work is already done, the system install will be very quick once the access and electrical issues are finalized. 3/16/07: Received email from Ed Russo: attached are a picture of the well stripper and a pdf document summarizing how the well stripper works. As you discussed with Dawn Coughlin of Hess at your recent meeting, we are proposing to install permanent well strippers in MW-12 and MW-13 and bring a portable well stripper to the site for periodic full day remediation events (permanent well strippers cannot be installed in MW-15 or MW-16 since these wells are not connected to the remediation system). The permanent well strippers within MW-12 and MW-13 will be sampled (influent and effluent) on a monthly basis during system O&M events and the portable well stripper will be

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

U001839205

sampled for influent and effluent during the periodic remediation events. Note that we are in the process of working with BP to get access to the site to install the system. In order to expedite the install once access is obtained, we will be ordering the equipment so that we can prepare the shed to be delivered to the site once access is granted. 7/31/07: Received email from Ed Russo: GW sampling was conducted on the site about 2 weeks ago. We should get data from the lab this week and will prepare an update report for submittal to you right away. As far as the system goes, we have received approval from BP (the current owner/operator of the site) to install the system. Our electrician is working on getting power from CONED. We have ordered all equipment and are working on building the shed in house so that once electrical power is available, we can deliver the system to the site and connect it/start it up. Once we get closer to a start date, I will be in contact with you to schedule start-up so you can be onsite if you'd like. 9/5/07: Reviewed quarterly report. Fluctuating groundwater concentrations. Wells sampled on 7/20/07. Max BTEX 47,580 ppb (MW15). Max MTBE 681 ppb (MW12). ORM socks replaced in MW9 and MW12 - MW16. SVE system and well strippers not installed yet. Short term remediation events planned for MW15 and MW16. Emailed Ed Russo to followup on system startup date and initiation of short term remediation events. 10/9/07: Received email from Ed Russo: we have scheduled an on-site meeting with representatives of BP, Delta Consultants (BP's consultant), and EnviroTrac for Monday October 15th. BP and Delta wanted to be fully aware of our proposed work before agreeing to let us proceed. We expect to get the approval to proceed with the sitework at that meeting. The shed for the remediation system and the control panel have been completed in our shop and can be mobilized to the site once we obtain the access. Our electrician is ready to go and can get to the site within about a week once we obtain access and CONED involvement will be minimal since we will be connecting to BP's station electric for our system electrical requirements. In addition, since the majority of the subsurface work was done a few years ago during the construction of the BP station, only minimal site work is required, so we expect to be able to start the system and short-term remediation events within 4-6 weeks of access approval. I will send you an update of our progress following the October 15th meeting. Edward E. Russo Senior Project Manager EnviroTrac Ltd. 5 Old Dock Road Yaphank, NY 11980 P: 631.924.3001 F: 631.924.5001 <http://www.envirotrac.com> 2/14/08: Received email from Ed Russo: We wanted to let you know that the SVE/Well Stripper system was activated at the referenced site on January 29, 2008. Preliminary data indicates that the system is effectively removing BTEX and MTBE from onsite wells. The initial start-up period will last another week or so and then system O&M will continue on a monthly basis thereafter. A full round of groundwater sampling will be conducted this month and a report summarizing that data and all system data collected to date will be submitted to you before April 30, 2008. If you would like to visit the site to see the system or if you have any questions or comments, please give me a call at (631) 924-3001 3/12/08: Reviewed Fourth Quarterly 2007 update report dated November 27,2007. Wells sampled on 10/16/07. Max BTEX 16,839 ppb (MW15), max MTBE 727 ppb (MW12). System startup data will be submitted in next report. 4/15/08: Reviewed update report dated April 8th, 2008. SVE and well strippers (WS) in operation, and short term remediation events and WS being conducted in MW-15 and MW-16. Maximum BTEX concentration 3,779 ppb (MW16), maximum MTBE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

U001839205

concentration 325 ppb (MW12). General downward trend in contamination. 8/7/08 - Carlson: Reviewed July 2008 Hydrogeologic Status Report. Wells sampled on 6/30/08. Maximum BTEX concentration 54,315 ppb (MW15). SVE/WS system in operation. Fluctuating concentrations. 10/22/08 - Carlson: Meeting with Hess, Envirotrac, and NYSDEC. 11/17/08 - Carlson: Reviewed October 2008 Update Report. Wells sampled on 8/26/08. Fluctuating concentrations in some wells. Maximum BTEX concentration 1,068 ppb (MW12). System in operation. 2/20/09 - Carlson: Reviewed January 2009 Update Report. SVE and WS in operation. High effluent concentrations in MW15. Effluent concentrations were not measured from MW12,13. Wells sampled on 11/24/08. Hot well MW12 was not sampled (why?). 3/18/09 - Carlson: Meeting with Hess and Envirotrac. Not enough water to sample WS effluent in some cases. 5/7/09 - Carlson: Reviewed April 2009 Update Report. SVE/WS in operation, and monthly STRE from MW15. Wells sampled on 2/27/09. Maximum BTEX concentration 390 ppb (MW15). Strong decreasing trends. 5/28/09 - Carlson: Received email from Ed Russo: while out at the site this week conducting routine GW sampling, our technician noted product (0.18') in MW-15. This well, and the entire site, has cleaned up dramatically since the system was activated and short term remediation events commenced a couple of years ago. As you can see from the attached photo, the product appears to be fresh gasoline. Our technician has taken a sample of the product and the GW within the well. We will analyze the GW for BTEX/MTBE as well as ethanol and conduct a fingerprint analysis on the product to try to confirm that it is a new release since this site is an active BP station. The technician did not note any indication of a surface spill and the well seal and manhole have been reported to be in good condition. Once we get results of the ethanol analysis and fingerprint analysis, we will let you know. If it appears that this may be a new release, we would need to notify BP. 8/7/09 - Carlson: Reviewed July 2009 update report. SVE/WS in operation. STRE on MW15 but high concentrations - effluent should be monitored. MW15 fingerprinting results not included. 8/17/09 - Carlson: Reviewed fingerprinting results of product identified in MW15. Product was found to be weathered gasoline from the old release. 8/19/09 - Carlson: Meeting with Hess. System in operation. 11/17/09 - Carlson: Reviewed October 2009 Update Report. Large decrease in concentration in MW15. System in operation. 1/27/2010 - Carlson: Meeting with Hess. Well stripper wells are often dry. 2/5/2010 - Carlson: Reviewed update report. Low dissolved concentrations. 5/20/2010 - Carlson: Meeting with Hess. 5/27/2010 - Carlson: Reviewed update report. SVE to be shut down due to low recovery. 8/13/2010 - Carlson: Reviewed July 2010 Update Report. Spike in concentration in MW15. SVE shut down due to low recovery. STRE/well stripper on MW15 monthly. 8/30/2011 - Obligado - Hess is still doing well stripper STRE on wells MW-12 and MW-15 monthly. 10/21/11 - Obligado - This spill is reassigned to Carlson as directed by Brevdo. 11/14/11 - Carlson: Reviewed October 2011 update report. STRE/well stripper on MW15 and MW12 in June and July. Monthly EFR planned instead of well stripper events from now on. 8/24/2012 - 1Q2012, 4/30/2012, by EnviroTrac. The groundwater was sampled on 2/24/2012. DTW 15.95 to 22.32'. Flows to southeast. EFR on MW-12 and MW-15 on 12/14/2011, 1/5/2012 and 2/6/2012. MW-13, 1.5 BTEX, 13 MTBE. MW-9, BTEX ND, 26.2 MTBE. MW-10, 5.5J BTEX, 2.1 MTBE. MW-15, 2,885.8 BTEX, 2.8J MTBE. MW-16, 42.84J BTEX, 7.3 MTBE. 10/12/2012 - 2Q2012, 7/31/2012, by EnviroTrac. The groundwater was sampled on May 16, 2012. DTW 15.00 to 21.62'. Flows

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

U001839205

to southeast. SVE/well stripper system was shutdown due to lack of hydrocarbon recovery. EFR conducted on selected wells. MW-12, 1,136J BTEX, 164 MTBE. MW-13, 13.6J BTEX, 41.9 MTBE. MW-15, 15,713 BTEX, 9.1J MTBE. MW-16, 42.49J BTEX, 7.1 MTBE. EFR on MW-12 and MW-15. 1/18/2013 - 3Q2012, 10/31/2012, by EnviroTrac. EFR on wells MW-12 and MW-15 on 6/13/2012. The groundwater sampled on 8/24/2012. DTW 15.41 to 20.42 bg. Flows to southeast. MW-15, 5,307.6 BTEX, MTBE ND. MW-16, 27.48J BTEX, 4.2 MTBE. 9/25/2013 - 4Q2012, 1/31/2013, by EnviroTrac. Groundwater was sampled on 11/27/2013. DTW 15.41 to 20.42 feet. Flows to southeast. Soil vapor extraction/well stripper system shutdown due to lack of hydrocarbon recovery. MW-15, 30,531.3 BTEX. 1Q2013, 4/30/2013, by EnviroTrac. Groundwater was sampled on 2/6/2013. NO LNAPL. DTW 15.87 to 22.75 feet. Flows to southeast. MW-15, 19,340.4 BTEX. MW-16, 37.72J BTEX, 3.5 MTBE. MW-9, BTEX ND, 29.6 MTBE. MW-12, 43.43J BTEX, 109 MTBE. MW-13, 10.8 BTEX, 63.4 MTBE. 11/14/2014 - 2Q2014, 7/31/2014. SVE/well stripper system shutdown due to lack of recovery. 5/16/2014, sampled groundwater. DTW 14.51 to 22.48 feet. Flows to southeast. MW-16, 40.06J BTEX. MW-15, 0.21' LNAPL. 11/17/2014 - 3Q2014, 11/7/2014. 8/19/2014, sampled groundwater. DTW 15.37 to 22.04 feet. Flows to southeast. MW-16, 21.37 BTEX. MW-15, 0.09' LNAPL. 1/26/2015 - 4Q2014, 1/26/2015. 11/24/2014, gauged 6 monitoring wells and sampled 5 monitoring wells. DTW 15.36 to 22.17 feet. Flows to southeast. MW-15, 102,391.2 J BTEX. MW-16, 26.3 J BTEX. 10/20/2015 - 1Q2015, 4/13/2015. 1/8, 2/5/2015, EFR on MW-15. 2/5/2015, EFR on MW-16. 2/10/2015, gauged 6 monitoring wells and sampled 5 monitoring wells. DTW 15.82 to 21.87 feet. Flows to southeast. MW-15, 3,023 BTEX. MW-16, 160 BTEX. 2Q2015, 7/15/2015. 3/3, 4/1, 5/5/2015, EFR on MW-15. 5/13/2015, gauged 7 monitoring wells and sampled 7 monitoring wells. NO LNAPL. DTW 15.71 to 22.17 feet. Flows to southeast. MW-15, 3,615.6 BTEX. MW-16, 93.4 BTEX. 3Q2015, 10/20/2015. 6/10, 7/8, 8/6/2015, EFR on MW-15. 8/26/2015, gauged and sampled 5 monitoring wells. NO LNAPL. DTW 15.85 to 23.03 feet. Flows to southeast. MW-15, 4,065.7 BTEX. MW-16, 46.4 BTEX. 1/28/2016 - 4Q2015, 1/27/2016. 9/22, 10/8, 11/10/2015, EFR on MW-15. 11/10/2015, gauged 6 and sampled 3 monitoring wells. NO LNAPL. DTW 16.09 to 22.05 feet. Flows to southeast. MW-15, 639.9 BTEX. 3/30/2016 Feng This spill is transferred from J. Feng to V. Brevdo as per J. Vought. 3/30/16 - Raphael Ketani. This spill case has been assigned to me effective today. According to ACRIS, the block and lot are 2341 and 42. The latest deed is dated 12/21/79. The property owner is 350 Concourse Realty Corp. The PBS record is #2-297437. The owner is MERIT Oil of New York, Inc., 551 West Lancaster Avenue, Haverford, PA, 19041. The operator is MERIT Grand Concourse. All six USTs were closed and removed on 11/1/98. The contacts are as follows: Speedway/Hess contact: Matthew Butler, (732) 738-2924, MButler1@Speedway.com Consultants: Edward Russo (EnviroTrac), (631) 924-3001, EDR@EnviroTrac.com Joseph Rennie (EnviroTrac), (631) 924-3001, JoeR@EnviroTrac.com 4/26/16 - Raphael Ketani. Yesterday I received the EnviroTrac 4/25/16 Quarterly Update Report. On 12/10/15, 1/20/16 and 2/3/16 VEFRed MW-15. On 2/9/16 MW-9 to 11 and 14 to 16 were gauged. MW- 9 to 11, 15 and 16 were sampled on 2/9/16. Product was not measured in any of the wells. Groundwater was measured at 15.54' and 22.47' below grade and was determined to be flowing southeast. Total BTEX was non-detect at MW-9 to 11, 703.5 ppb at MW-15 and 14.5 ppb at MW-16."

Remarks:

"CONTAMINATED SOIL DISCOVERED DURING TANK UPGRADE"

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

U001839205

Material:
Site ID: 202878
Operable Unit ID: 1074951
Operable Unit: 01
Material ID: 310783
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

V103
SSE
1/8-1/4
0.160 mi.
847 ft.

**MERIT GRAND CONCOURSE
370 GRAND CONCOURSE
BRONX, NY 10451**

Site 2 of 2 in cluster V

**RCRA-SQG 1000263797
US AIRS NYD982185928
FINDS
NY MANIFEST
NJ MANIFEST
ECHO**

**Relative:
Higher**

RCRA-SQG:

**Actual:
34 ft.**

Date form received by agency: 01/01/2007
Facility name: MERIT OIL CORP
Facility address: 370 GRAND CONCOURSE AVE
BRONX, NY 104515409
EPA ID: NYD982185928
Mailing address: W LANCASTER AVE
HAVERFORD, NY 19041
Contact: Not reported
Contact address: W LANCASTER AVE
HAVERFORD, NY 19041
Contact country: US
Contact telephone: Not reported
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: MERIT OIL CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

1000263797

Owner/Op end date: Not reported

Owner/operator name: MERIT OIL CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

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

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Site name: MERIT OIL CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Site name: MERIT OIL CORP
Classification: Not a generator, verified

Date form received by agency: 05/11/1987
Site name: MERIT OIL CORP
Classification: Large Quantity Generator

Violation Status: No violations found

US AIRS MINOR:

Envid: 1000263797
Region Code: 02
Programmatic ID: AIR NY0000NY2600400055
Facility Registry ID: 110001565789
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

1000263797

US AIRS MINOR:

Region Code: 02
Programmatic ID: AIR NY0000NY2600400055
Facility Registry ID: 110001565789
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: 1988-05-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:

Registry ID: 110001565789

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

NY MANIFEST:

Country: USA
EPA ID: NYD982185928
Facility Status: Not reported
Location Address 1: 350 GRAND CONCOURSE AVE
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

MERIT GRAND CONCOURSE (Continued)

1000263797

Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD982185928

Mailing Name: BP PRODUCTS MERIT OIL INC

Mailing Contact: FRANK LO BELLO

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: 10/31/2008

Trans1 Recv Date: 10/31/2008

Trans2 Recv Date: Not reported

TSD Site Recv Date: 10/31/2008

Part A Recv Date: Not reported

Part B Recv Date: Not reported

Generator EPA ID: NYD982185928

Trans1 EPA ID: Not reported

Trans2 EPA ID: Not reported

TSD ID 1: NJD991291105

TSD ID 2: Not reported

Manifest Tracking Number: 001274874JJK

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

MERIT GRAND CONCOURSE (Continued)

1000263797

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
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2007
Trans1 State ID:	NJR000023036
Trans2 State ID:	Not reported
Generator Ship Date:	08/30/2007
Trans1 Recv Date:	08/30/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/30/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982185928
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	001274618JJK
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
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
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
Document ID:	NJA5246515
Manifest Status:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

1000263797

seq: 01
Year: 2006
Trans1 State ID: NJR000023036
Trans2 State ID: Not reported
Generator Ship Date: 02/09/2006
Trans1 Recv Date: 02/09/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/09/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982185928
Trans1 EPA ID: 56247
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: D018 - BENZENE 0.5 MG/L TCLP
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: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NJA5246558
Manifest Status: Not reported
seq: 01
Year: 2006
Trans1 State ID: NJR000023036
Trans2 State ID: Not reported
Generator Ship Date: 06/28/2006
Trans1 Recv Date: 06/28/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/29/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982185928
Trans1 EPA ID: S6247
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

1000263797

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: D018 - BENZENE 0.5 MG/L TCLP
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: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NJA5246462
Manifest Status: Not reported
seq: Not reported
Year: 2005
Trans1 State ID: NJR000023036
Trans2 State ID: Not reported
Generator Ship Date: 11/10/2005
Trans1 Recv Date: 11/10/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/10/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982185928
Trans1 EPA ID: 56247
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: D018 - BENZENE 0.5 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

1000263797

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00200
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

NJ MANIFEST:

EPA Id: NYD982185928
Mail Address: P.O. BOX 80249
Mail City/State/Zip: SANTA MARGARITA 92688
Facility Phone: 9494605200
Emergency Phone: Not reported
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: 001274618JJK
EPA ID: NYD982185928
Date Shipped: 08/30/2007
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: 08/30/2007
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 TSD Received Waste: 08/30/2007
TSD EPA Facility Name: Not reported
QTY Units: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

1000263797

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: H14
Quantity: 200 P

Manifest Number: NJA5246462
EPA ID: NYD982185928
Date Shipped: 11/10/2005
TSDf 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: 11/10/2005
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 TSDf Received Waste: 11/10/2005
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
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

MERIT GRAND CONCOURSE (Continued)

1000263797

Data Entry Number: 02240621
Was Load Rejected: SANTA MARGARITA 92688
Reason Load Was Rejected: Not reported

Manifest Number: NJA5246515
EPA ID: NYD982185928
Date Shipped: 02/09/2006
TSDf 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: 02/09/2006
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: 02/09/2006
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: 04040621
Was Load Rejected: SANTA MARGARITA 92688
Reason Load Was Rejected: Not reported

Manifest Number: NJA5246558
EPA ID: NYD982185928
Date Shipped: 06/28/2006
TSDf 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

1000263797

Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 06/28/2006
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: 06/29/2006
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: 08220625
Was Load Rejected: SANTA MARGARITA 92688
Reason Load Was Rejected: Not reported

Manifest Number: 001274874JJK
EPA ID: NYD982185928
Date Shipped: 10/31/2008
TSDf 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: 10/31/2008
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: 10/31/2008
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MERIT GRAND CONCOURSE (Continued)

1000263797

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

ECHO:

Envid: 1000263797
Registry ID: 110001565789
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110001565789

**W104
South
1/8-1/4
0.166 mi.
879 ft.**

**CON EDISON
E 140TH ST & WALTON AVE
BRONX, NY 10451**

RCRA NonGen / NLR

**1014398691
NYP004210480**

Site 1 of 7 in cluster W

**Relative:
Higher**

RCRA NonGen / NLR:

**Actual:
31 ft.**

Date form received by agency: 07/04/2010
Facility name: CON EDISON
Facility address: E 140TH ST & WALTON AVE
BRONX, NY 10451
EPA ID: NYP004210480
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: DENNIS MICHAELIDES
Contact address: Not reported
Not reported
Contact country: Not reported
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

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

CON EDISON (Continued)

1014398691

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

W105
South
1/8-1/4
0.166 mi.
879 ft.

**CON EDISON TRANSFORMER MANHOLE 647
WALTON AVE & E 140TH ST E SIDE
BRONX, NY 10451**

RCRA NonGen / NLR 1014917980
NJ MANIFEST NYP004215638

Site 2 of 7 in cluster W

Relative:
Higher

RCRA NonGen / NLR:

Actual:
31 ft.

Date form received by agency: 10/15/2010
Facility name: CON EDISON TRANSFORMER MANHOLE 647
Facility address: WALTON AVE & E 140TH ST E SIDE
26 FEET S OF
BRONX, NY 10451
EPA ID: NYP004215638
Mailing address: IRVING PL RM 828
NEW YORK, NY 10003
Contact: CHRISTOPHER BLAICH
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:

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

Historical Generators:

Date form received by agency: 09/15/2010
Site name: CON EDISON TRANSFORMER MANHOLE 647

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON TRANSFORMER MANHOLE 647 (Continued)

1014917980

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NJ MANIFEST:

EPA Id: NYP004215638
Mail Address: IRVING PL RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: CHRISTOPHER BLAICH
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: 001086054GBF
EPA ID: NYP004215638
Date Shipped: 09/15/2010
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: 09/15/2010
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: 09/15/2010
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON TRANSFORMER MANHOLE 647 (Continued)

1014917980

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: 500 P

106
NNE
1/8-1/4
0.167 mi.
881 ft.

585 GERARD AVENUE CORP.
585 GERARD AVENUE
BRONX, NY 10451

NY AST A100300589
N/A

Relative:
Lower

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

Actual:
12 ft.

Affiliation Records:
Site Id: 1557
Affiliation Type: Facility Owner
Company Name: 585 GERARD AVENUE CORP.
Contact Type: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

585 GERARD AVENUE CORP. (Continued)

A100300589

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: On-Site 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
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:

B05 - Tank External Protection - Jacketed
H99 - Tank Leak Detection - Other
J01 - Dispenser - Pressurized Dispenser
F06 - Pipe External Protection - Wrapped
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

585 GERARD AVENUE CORP. (Continued)

A100300589

I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
Tank Location: 1
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: 03/04/2004
Material Name: Not reported

X107
NNW
1/8-1/4
0.169 mi.
893 ft.

CON EDISON
37 E 149TH ST FRONT OF
BRONX, NY 10451

NY MANIFEST S117062306
N/A

Site 1 of 3 in cluster X

Relative:
Lower

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

Actual:
2 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062306

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
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

**X108
NNW
1/8-1/4
0.169 mi.
893 ft.**

**CON EDISON SERVICE BOX: 7108
37 E 149TH ST FRONT OF
BRONX, NY 10451**

**RCRA NonGen / NLR 1017776777
NYP004546479**

Site 2 of 3 in cluster X

**Relative:
Lower**

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

**Actual:
2 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 7108 (Continued)

1017776777

Contact country: Not reported
Contact telephone: 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: 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

**X109
NW
1/8-1/4
0.170 mi.
898 ft.**

**149TH STREET
149TH STREET
BRONX, NY**

**NY LTANKS S102672327
N/A**

Site 3 of 3 in cluster X

**Relative:
Lower**

LTANKS:

Site ID: 303539
Spill Number/Closed Date: 9312229 / 1994-01-18
Spill Date: 1994-01-17
Spill Cause: Tank Overfill
Spill Source: Vessel
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1994-01-18
Cleanup Meets Standard: True
SWIS: 0301
Investigator: O'DOWD
Referred To: Not reported
Reported to Dept: 1994-01-17
CID: Not reported
Water Affected: EAST RIVER

**Actual:
1 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

149TH STREET (Continued)

S102672327

Spill Notifier: Federal Government
Last Inspection: Not reported
Recommended Penalty: False
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
Spiller Address: 3245 RICHMOND TERRACE
Spiller City,St,Zip: STATEN ISLAND, ZZ
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"

Material:
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: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Y110
SSE
1/8-1/4
0.174 mi.
917 ft.

EAGLE AUTO REPAIR CORP
341 GRAND CONCOURSE
BRONX, NY 10451
Site 1 of 4 in cluster Y

NY AST A100293835
N/A

Relative:
Higher

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-607912
Program Type: PBS
UTM X: 590338.76521
UTM Y: 4518810.81806
Expiration Date: 07/08/2012
Site Type: Other

Actual:
29 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAGLE AUTO REPAIR CORP (Continued)

A100293835

Affiliation Records:

Site Id: 29764
Affiliation Type: Facility Owner
Company Name: EAGLE AUTO REPAIR CORP
Contact Type: OWNER/MANAGER
Contact Name: ISRAEL GONEN
Address1: 341 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 742-0114
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-04-20

Site Id: 29764
Affiliation Type: Mail Contact
Company Name: EAGLE AUTO REPAIR CORP.
Contact Type: Not reported
Contact Name: ISREAL GONEN
Address1: 341 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (718) 742-0114
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-03-30

Site Id: 29764
Affiliation Type: On-Site Operator
Company Name: EAGLE AUTO REPAIR CORP
Contact Type: Not reported
Contact Name: ISREAL GONEN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 742-0114
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 29764
Affiliation Type: Emergency Contact
Company Name: EAGLE AUTO REPAIR CORP
Contact Type: Not reported
Contact Name: ISREAL GONEN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EAGLE AUTO REPAIR CORP (Continued)

A100293835

Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 742-0114
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 63822
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
G10 - Tank Secondary Containment - Impervious Underlayment
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
J00 - Dispenser - None
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 11/30/1999
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: NRLOMBAR
Last Modified: 04/20/2007
Material Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W111
South
1/8-1/4
0.174 mi.
919 ft.

B & M LINEN CORP
310 WALTON AVE
BRONX, NY 10451

Site 3 of 7 in cluster W

RCRA NonGen / NLR
FINDS
NY MANIFEST
ECHO

1004755458
NY0000002733

Relative:
Higher

RCRA NonGen / NLR:

Actual:
31 ft.

Date form received by agency: 01/01/2007
Facility name: B & M LINEN CORP
Facility address: 310 WALTON AVE
BRONX, NY 104515428
EPA ID: NY0000002733
Mailing address: WALTON AVE
BRONX, NY 104515428
Contact: MIRON MARKUS
Contact address: WALTON AVE
BRONX, NY 104515428
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
Owner/operator country: US
Owner/operator telephone: (312) 230-5239
Legal status: Private
Owner/Operator Type: Owner
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
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2001
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
Legal status: Private
Owner/Operator Type: Operator
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: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & M LINEN CORP (Continued)

1004755458

Owner/operator telephone: (312) 230-5239
Legal status: Private
Owner/Operator Type: Owner
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: Not reported
Owner/operator telephone: (212) 231-5700
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & M LINEN CORP (Continued)

1004755458

. 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

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.

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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & M LINEN CORP (Continued)

1004755458

Document ID: NYC6557793
Manifest Status: Not reported
seq: 01
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

Document ID: NYB2767356
Manifest Status: C
seq: Not reported
Year: 1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B & M LINEN CORP (Continued)

1004755458

Trans1 State ID: NJDEPS632
Trans2 State ID: NJDEPS710
Generator Ship Date: 03/28/1994
Trans1 Recv Date: 03/28/1994
Trans2 Recv Date: 03/28/1994
TSD Site Recv Date: 03/30/1994
Part A Recv Date: / /
Part B Recv Date: 04/07/1994
Generator EPA ID: NY0000002733
Trans1 EPA ID: NJD991291584
Trans2 EPA ID: NJD000692061
TSD ID 1: NYD049836679
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: B007 - OTHER MISCELLANEOUS PCB WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00363
Units: K - Kilograms (2.2 pounds)
Number of Containers: 002
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: L Landfill.
Specific Gravity: 100

Document ID: NYB4723605
Manifest Status: C
seq: Not reported
Year: 1994
Trans1 State ID: NJDEPS632
Trans2 State ID: NJDEPS710
Generator Ship Date: 03/24/1994
Trans1 Recv Date: 03/24/1994
Trans2 Recv Date: 03/24/1994
TSD Site Recv Date: 03/26/1994
Part A Recv Date: / /
Part B Recv Date: 04/14/1994
Generator EPA ID: NY0000002733
Trans1 EPA ID: NJD991291584
Trans2 EPA ID: NJD000692061
TSD ID 1: KSD981506025
TSD ID 2: Not reported
Manifest Tracking Number: Not reported
Import Indicator: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

B & M LINEN CORP (Continued)

1004755458

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: B001 - PCB OIL (CONC) FROM TRANS, CAP, ETC
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 00362
 Units: K - Kilograms (2.2 pounds)
 Number of Containers: 002
 Container Type: DM - Metal drums, barrels
 Handling Method: B Incineration, heat recovery, burning.
 Specific Gravity: 100

ECHO:

Envid: 1004755458
 Registry ID: 110004307526
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110004307526

W112
South
1/8-1/4
0.174 mi.
919 ft.

HIPPODROME SVCS
310 WALTON AVE
BRONX, NY 10451
Site 4 of 7 in cluster W

NY LTANKS **1009225499**
NY MANIFEST **N/A**

Relative:
Higher

LTANKS:

Site ID: 79679
 Spill Number/Closed Date: 9312938 / 1994-02-02
 Spill Date: 1994-02-02
 Spill Cause: Tank Overfill
 Spill Source: Tank Truck
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Cleanup Ceased: 1994-02-02
 Cleanup Meets Standard: True
 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
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 1994-02-03

Actual:
31 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIPPODROME SVCS (Continued)

1009225499

Spill Record Last Update: 2003-03-12
Spiller Name: Not reported
Spiller Company: BAERENKLAU
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 73950
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
MARTINKAT "
Remarks: "CONTAINED ON PAVEMENT - CLEAN UP IS DONE."

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

NY MANIFEST:

Country: USA
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HIPPODROME SVCS (Continued)

1009225499

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
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

W113
South
1/8-1/4
0.174 mi.
919 ft.

310 WALTON AVENUE
310 WALTON AVENUE
BRONX, NY 10451
Site 5 of 7 in cluster W

NY UST **U003790763**
NY HIST UST **N/A**

Relative:
Higher
Actual:
31 ft.

UST:
Id/Status: 2-605572 / Unregulated/Closed
Program Type: PBS
Region: STATE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

310 WALTON AVENUE (Continued)

U003790763

DEC Region: 2
Expiration Date: N/A
UTM X: 590293.60345
UTM Y: 4518770.30384
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: On-Site 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

310 WALTON AVENUE (Continued)

U003790763

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
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

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
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 02/09/2011

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
J00 - Dispenser - None
D00 - Pipe Type - No Piping

HIST UST:

PBS Number: 2-605572
SPDES Number: Not reported
Emergency Contact: ROBERT FRIEDLAND
Emergency Telephone: (914) 968-8500
Operator: KENNETH FRIEDLAND
Operator Telephone: (212) 586-8800

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

310 WALTON AVENUE (Continued)

U003790763

Owner Name: DOLED ASSOCIATES % THE GARTH ORGANIZATION
Owner Address: 250 WEST 49TH STREET
Owner City,St,Zip: NEW YORK, NY 10019
Owner Telephone: (212) 586-8800
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: THE GARTH ORGANIZATION
Mailing Address: 250 WEST 49TH STREET
Mailing Address 2: SUITE 305
Mailing City,St,Zip: NEW YORK, NY 10019
Mailing Contact: KENNETH S. FRIEDLAND
Mailing Telephone: (212) 586-8800
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: Not reported
SWIS ID: 6001
Old PBS Number: Not reported
Facility Type: OTHER
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 04/09/2001
Expiration Date: 04/05/2006
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 5000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: No Missing Data
Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City: 01
Region: 2

Tank Id: 01
Tank Location: UNDERGROUND
Tank Status: In Service
Install Date: Not reported
Capacity (gals): 5000
Product Stored: USED OIL (FUEL)
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Underground
Pipe Type: Not reported
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: Not reported
Leak Detection: None
Overfill Prot: None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

310 WALTON AVENUE (Continued)

U003790763

Dispenser: Not reported
Date Tested: Not reported
Next Test Date: 12/27/1987
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

**114
NW
1/8-1/4
0.175 mi.
923 ft.**

**NYCDOT/145 STREET BRIDGE
145TH ST BRG OVER HARLEM RIVER
NEW YORK, NY 10451**

**RCRA-SQG 1000872735
NY MANIFEST NYD987039534
NJ MANIFEST**

**Relative:
Lower**

RCRA-SQG:

Date form received by agency: 01/01/2007
Facility name: NYCDOT/145 STREET BRIDGE
Facility address: 145TH ST BRG OVER HARLEM RIVER
AT LENOX AVE
NEW YORK, NY 10451

**Actual:
0 ft.**

EPA ID: NYD987039534
Mailing address: RECTOR STREET
NEW YORK, NY 10006
Contact: ALEX BEZCHASTNOR
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (212) 788-2091
Telephone ext.: BEZCHA
Contact email: A.BEZCHASTNOR@NYCDOT.GOV
EPA Region: 02
Land type: Municipal
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: NYCDOT
Owner/operator address: 2 RECTOR ST
NEW YORK, NY 10006
Owner/operator country: US
Owner/operator telephone: (212) 788-1721
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYC DOT
Owner/operator address: RECTOR STREET
NEW YORK, NY 10006
Owner/operator country: US
Owner/operator telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDOT/145 STREET BRIDGE (Continued)

1000872735

Legal status: Municipal
Owner/Operator Type: Owner
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: 02/16/2006
Site name: NYCDOT/145 STREET BRIDGE
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/15/2006
Site name: NYCDOT/145 STREET BRIDGE
Classification: Large Quantity Generator

Date form received by agency: 07/14/1999
Site name: NYCDOT - 145TH STREET BRIDGE
Classification: Small Quantity Generator

Date form received by agency: 08/19/1993
Site name: NYCDOT - 145TH STREET BRIDGE
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 05/18/2006
Evaluation: CASE DEVELOPMENT INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

NY MANIFEST:

Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDOT/145 STREET BRIDGE (Continued)

1000872735

EPA ID: NYD987039534
Facility Status: Not reported
Location Address 1: 145TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: NEW YORK
Location State: NY
Location Zip: 10006
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD987039534
Mailing Name: NEW YORK CITY OF
Mailing Contact: JOHN T ANZALOE
Mailing Address 1: 2 RECTOR ST
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10006
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7189639213

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2007
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 03/08/2007
Trans1 Recv Date: 03/08/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/22/2007
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987039534
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: MID980991566
TSD ID 2: Not reported
Manifest Tracking Number: 002771257JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDOT/145 STREET BRIDGE (Continued)

1000872735

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1600
Units: P - Pounds
Number of Containers: 8
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

Document ID: MIA0148119
Manifest Status: Not reported
seq: 01
Year: 2006
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 06/01/2006
Trans1 Recv Date: 06/01/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/08/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987039534
Trans1 EPA ID: 1637984ME
Trans2 EPA ID: Not reported
TSD ID 1: MID980991566
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: 00300
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDOT/145 STREET BRIDGE (Continued)

1000872735

Document ID: MIA9109787
Manifest Status: Not reported
seq: Not reported
Year: 2005
Trans1 State ID: NJD054126164
Trans2 State ID: Not reported
Generator Ship Date: 01/06/2005
Trans1 Recv Date: 01/06/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/17/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987039534
Trans1 EPA ID: 1646839ME
Trans2 EPA ID: Not reported
TSD ID 1: MID980991566
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: 00500
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NJA5222993
Manifest Status: Not reported
seq: Not reported
Year: 2005
Trans1 State ID: NYD046765574
Trans2 State ID: Not reported
Generator Ship Date: 01/28/2005
Trans1 Recv Date: 01/28/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/28/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987039534
Trans1 EPA ID: S8424
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDOT/145 STREET BRIDGE (Continued)

1000872735

TSDF ID 1: NJD991291105
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: 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: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NJA5243221
Manifest Status: Not reported
seq: Not reported
Year: 2005
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 09/21/2005
Trans1 Recv Date: 09/21/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/21/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD987039534
Trans1 EPA ID: S5811
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDOT/145 STREET BRIDGE (Continued)

1000872735

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	00110
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	01.00
Document ID:	NYG0472869
Manifest Status:	K
seq:	Not reported
Year:	1997
Trans1 State ID:	40317AENY
Trans2 State ID:	Not reported
Generator Ship Date:	08/27/1997
Trans1 Recv Date:	08/27/1997
Trans2 Recv Date:	/ /
TSD Site Recv Date:	08/29/1997
Part A Recv Date:	/ /
Part B Recv Date:	09/23/1997
Generator EPA ID:	NYD987039534
Trans1 EPA ID:	NY0001031814
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD057770109
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:	00942
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Document ID:	MIA3014012
Manifest Status:	K
seq:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDOT/145 STREET BRIDGE (Continued)

1000872735

Year: 1994
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 03/17/1994
Trans1 Recv Date: 03/17/1994
Trans2 Recv Date: / /
TSD Site Recv Date: 03/22/1994
Part A Recv Date: 03/29/1994
Part B Recv Date: 05/03/1994
Generator EPA ID: NYD987039534
Trans1 EPA ID: NJD096839154
Trans2 EPA ID: Not reported
TSD ID 1: MID096963194
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: 00300
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 100

NJ MANIFEST:

EPA Id: NYD987039534
Mail Address: 2 RECTOR STREET
Mail City/State/Zip: NEW YORK 10006
Facility Phone: 2127882083
Emergency Phone: Not reported
Contact: JOHN KURRE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDOT/145 STREET BRIDGE (Continued)

1000872735

Manifest:
Manifest Number: NJA5222993
EPA ID: NYD987039534
Date Shipped: 01/28/2005
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: 01/28/2005
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 TSDF Received Waste: 01/28/2005
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
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: 04250522
Was Load Rejected: NEW YORK 10006
Reason Load Was Rejected: Not reported

115
SSW
1/8-1/4
0.175 mi.
926 ft.

CON ED - EXTERIOR ST STORAGE YARD
281 EXTERIOR ST
BRONX, NY 10462

NY SWF/LF 1006810635
RCRA NonGen / NLR NYR000114579
FINDS
NY MANIFEST
ECHO

Relative:
Lower

SWF/LF:
Flag: INACTIVE
Region Code: 2
Phone Number: 2124604833
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported

Actual:
10 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON ED - EXTERIOR ST STORAGE YARD (Continued)

1006810635

Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: HARRY A. COATES
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: C&D processing - registration
Activity Number: [03W70]
Active: No
East Coordinate: 590086
North Coordinate: 4518544
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: CON ED - EXTERIOR ST STORAGE YARD
Facility address: 281 EXTERIOR ST
BRONX, NY 10462
EPA ID: NYR000114579
Mailing address: MATTHEWS AVE
BRONX, NY 10462
Contact: ROSEMARIE GIORDANO
Contact address: MATTHEWS AVE
BRONX, NY 10462
Contact country: US
Contact telephone: (718) 904-4648
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: CONSOLIDATED EDISON CO OF NY INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 12/29/1926
Owner/Op end date: Not reported
Owner/operator name: CONSOLIDATED EDISON CO OF NY INC
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY
Owner/operator country: US
Owner/operator telephone: (212) 555-1212

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON ED - EXTERIOR ST STORAGE YARD (Continued)

1006810635

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 12/29/1926
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: CON ED - EXTERIOR ST STORAGE YARD
Classification: Not a generator, verified

Date form received by agency: 03/27/2003
Site name: CON ED - EXTERIOR ST STORAGE YARD
Classification: Small Quantity Generator

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110014447713

Environmental Interest/Information System

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

NY MANIFEST:

Country: USA
EPA ID: NYR000114579
Facility Status: Not reported
Location Address 1: 281 EXTERIOR ST
Code: BP
Location Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON ED - EXTERIOR ST STORAGE YARD (Continued)

1006810635

Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	10462
Location Zip 4:	Not reported
NY MANIFEST:	
EPAID:	NYR000114579
Mailing Name:	CON ED - EXTERIOR ST STORAGE YARD
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
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:	04/09/2008
Trans1 Recv Date:	04/09/2008
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/10/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000114579
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD077444263
TSD ID 2:	Not reported
Manifest Tracking Number:	001446935FLE
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:	130.0
Units:	K - Kilograms (2.2 pounds)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON ED - EXTERIOR ST STORAGE YARD (Continued)

1006810635

Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: B005
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

ECHO:

Envid: 1006810635
Registry ID: 110014447713
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110014447713

Z116
North
1/8-1/4
0.177 mi.
937 ft.

NYCDC - BRONX DETENTION FOR MEN
653 RIVER AVE
BRONX, NY 10458
Site 1 of 3 in cluster Z

RCRA NonGen / NLR **1000105610**
FINDS **NYD981487747**
NY MANIFEST
ECHO

Relative:
Lower

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

Actual:
7 ft.

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
Legal status: Municipal
Owner/Operator Type: Owner
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDC - BRONX DETENTION FOR MEN (Continued)

1000105610

Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
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

- . Waste code: D001
- . Waste name: IGNITABLE 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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDC - BRONX DETENTION FOR MEN (Continued)

1000105610

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
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

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: 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)
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 085

ECHO:

Envid: 1000105610
Registry ID: 110009472837
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110009472837

Z117
North
1/8-1/4
0.177 mi.
937 ft.

BRONX HOUSE OF DETENTION FOR MEN
653 RIVER AVENUE
BRONX, NY 10451
Site 2 of 3 in cluster Z

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX HOUSE OF DETENTION FOR MEN (Continued)

U001832892

EMail: ED.HILLA@RELATED.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-08-21

Site Id: 5646
Affiliation Type: On-Site 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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX HOUSE OF DETENTION FOR MEN (Continued)

U001832892

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: 03/04/2004

Equipment Records:

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

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: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX HOUSE OF DETENTION FOR MEN (Continued)

U001832892

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

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)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX HOUSE OF DETENTION FOR MEN (Continued)

U001832892

Last Modified: 03/04/2004

Equipment Records:

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

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

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: 08/21/2013

Equipment Records:

- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- I02 - Overfill - High Level Alarm
- I05 - Overfill - Vent Whistle
- B04 - Tank External Protection - Fiberglass
- F06 - Pipe External Protection - Wrapped
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- E04 - Piping Secondary Containment - Double walled UG
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- L02 - Piping Leak Detection - Interstitial - Manual Monitoring
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F02 - Pipe External Protection - Original Sacrificial Anode
- J02 - Dispenser - Suction Dispenser
- K01 - Spill Prevention - Catch Basin

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

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: 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: 08/21/2013

Equipment Records:

B04 - Tank External Protection - Fiberglass
F06 - Pipe External Protection - Wrapped
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
I05 - Overfill - Vent Whistle
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
D01 - Pipe Type - Steel/Carbon Steel/Iron
F02 - Pipe External Protection - Original Sacrificial Anode
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

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: 08/21/2013

Equipment Records:

I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
I05 - Overfill - Vent Whistle
F06 - Pipe External Protection - Wrapped
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX HOUSE OF DETENTION FOR MEN (Continued)

U001832892

L02 - Piping Leak Detection - Interstitial - Manual Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)
E04 - Piping Secondary Containment - Double walled UG
K01 - Spill Prevention - Catch Basin
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
F02 - Pipe External Protection - Original Sacrificial Anode

W118
South
1/8-1/4
0.178 mi.
938 ft.

BEN-GOMO REALTY, INC.
301 WALTON AVENUE
BRONX, NY 10454
Site 6 of 7 in cluster W

NY AST **A100129096**
N/A

Relative:
Higher

AST:

Actual:
30 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-603762
Program Type: PBS
UTM X: 590289.36675
UTM Y: 4518761.94561
Expiration Date: 11/24/2018
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id: 25665
Affiliation Type: Facility Owner
Company Name: BENNY GOMOLINSKI
Contact Type: VICE PRESIDENT
Contact Name: MICHAEL GOMOLINSKI
Address1: 301 WALTON AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 585-1590
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2008-09-15

Site Id: 25665
Affiliation Type: Mail Contact
Company Name: BEN GOMO REALTY, INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 301 WALTON AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451
Country Code: 001
Phone: (551) 486-7548
EMail: NANCYGOMOLINSKI@VERIZON.NET
Fax Number: Not reported
Modified By: MSBAPTIS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEN-GOMO REALTY, INC. (Continued)

A100129096

Date Last Modified: 2013-10-15

Site Id: 25665
Affiliation Type: On-Site Operator
Company Name: BEN-GOMO REALTY, INC.
Contact Type: Not reported
Contact Name: BENNY GOMOLINSKI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-1590
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2013-10-15

Site Id: 25665
Affiliation Type: Emergency Contact
Company Name: BENNY GOMOLINSKI
Contact Type: Not reported
Contact Name: BENNY GOMOLINSKI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-1590
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 55512
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BEN-GOMO REALTY, INC. (Continued)

A100129096

Tank Location: K00 - Spill Prevention - None
3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1975
Capacity Gallons: 3500
Tightness Test Method: 03
Date Test: 11/01/1998
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MSBAPTIS
Last Modified: 10/15/2013
Material Name: Not reported

Y119
SSE
1/8-1/4
0.181 mi.
955 ft.

GRAND CONCOURSE PETROLEUM, LLC
350 GRAND CONCOURSE
BRONX, NY 10451
Site 2 of 4 in cluster Y

NY UST **U003107160**
N/A

Relative:
Higher

UST:
Id/Status: 2-600110 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 10/23/2018
UTM X: 590393.86763
UTM Y: 4518844.07396
Site Type: Retail Gasoline Sales

Actual:
30 ft.

Affiliation Records:
Site Id: 22095
Affiliation Type: On-Site Operator
Company Name: GRAND CONCOURSE PETROLEUM, LLC
Contact Type: Not reported
Contact Name: STATION MANAGER
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: dxliving
Date Last Modified: 2009-01-05

Site Id: 22095
Affiliation Type: Facility Owner
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: MEMBER
Contact Name: JIMMY KOCHISARI
Address1: 555 S. COLUMBUS AVE., SUITE 201
Address2: Not reported
City: MOUNT VERNON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

State: NY
Zip Code: 10550
Country Code: 001
Phone: (914) 699-9500
EMail: JIMMY@LANTISMGMT.COM
Fax Number: Not reported
Modified By: HDDUPIGN
Date Last Modified: 2015-10-15

Site Id: 22095
Affiliation Type: Mail Contact
Company Name: ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type: MEMBER
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: JIMMY@LANTISMGMT.COM
Fax Number: Not reported
Modified By: HDDUPIGN
Date Last Modified: 2015-10-15

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: MSBAPTIS
Date Last Modified: 2013-09-17

Tank Info:

Tank Number: 001
Tank ID: 41289
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
C00 - Pipe Location - No Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
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: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
C00 - Pipe Location - No Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

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: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron

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
Pipe Model: Not reported
Modified By: MSBAPTIS
Last Modified: 09/17/2013

Equipment Records:

C02 - Pipe Location - Underground/On-ground
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
I02 - Overfill - High Level Alarm
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

D11 - Pipe Type - Flexible Piping
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
J01 - Dispenser - Pressurized Dispenser
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
E04 - Piping Secondary Containment - Double walled UG
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)
K01 - Spill Prevention - Catch Basin

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: MSBAPTIS
Last Modified: 09/17/2013

Equipment Records:

C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
I03 - Overfill - Automatic Shut-Off
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D11 - Pipe Type - Flexible Piping
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K01 - Spill Prevention - Catch Basin
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
J01 - Dispenser - Pressurized Dispenser

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOURSE PETROLEUM, LLC (Continued)

U003107160

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: MSBAPTIS
Last Modified: 09/17/2013

Equipment Records:

C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
I03 - Overfill - Automatic Shut-Off
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D11 - Pipe Type - Flexible Piping
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
E04 - Piping Secondary Containment - Double walled UG
G04 - Tank Secondary Containment - Double-Walled (Underground)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
K01 - Spill Prevention - Catch Basin
J01 - Dispenser - Pressurized Dispenser

Y120
SSE
1/8-1/4
0.181 mi.
955 ft.

**A C A AMOCO #594
350 GRAND CONCOURSE BLVD
BRONX, NY 10451**

**RCRA NonGen / NLR 1000553884
NYD986963189**

Site 3 of 4 in cluster Y

**Relative:
Higher**

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 104515409

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A C A AMOCO #594 (Continued)

1000553884

Legal status: Private
Owner/Operator Type: Operator
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
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: 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

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 WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D018
. Waste name: BENZENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A C A AMOCO #594 (Continued)

1000553884

Violation Status: No violations found

AA121
NNE
1/8-1/4
0.183 mi.
964 ft.

**CON EDISON
GERARD AVE & E 150 ST
BRONX, NY 10461**

**NY MANIFEST S117317416
N/A**

Site 1 of 4 in cluster AA

**Relative:
Higher**

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

**Actual:
23 ft.**

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
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013256402JJK
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

CON EDISON (Continued)

S117317416

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

AA122
NNE
1/8-1/4
0.183 mi.
964 ft.

CON EDISON
GERARD AVE & E 150TH ST
BRONX, NY 10453

RCRA NonGen / NLR 1014398890
NY MANIFEST NYP004212635
NJ MANIFEST

Site 2 of 4 in cluster AA

Relative:
Higher

RCRA NonGen / NLR:

Actual:
23 ft.

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:

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 (Continued)

1014398890

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

Violation Status: No violations found

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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1014398890

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

NJ MANIFEST:

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
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 001086061GBF
EPA ID: NYP004212635
Date Shipped: 08/03/2010
TSD 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

1014398890

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
 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

**AB123
 NE
 1/8-1/4
 0.185 mi.
 977 ft.**

**557 GRAND CONCOURSE
 557 GRAND CONCOURSE
 NEW YORK, NY 10451
 Site 1 of 8 in cluster AB**

**RCRA NonGen / NLR 1001090484
 FINDS NYU005000450
 ECHO**

**Relative:
 Higher**

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

**Actual:
 50 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

557 GRAND CONCOURSE (Continued)

1001090484

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: STORAGE MAINTENANCE CORP
Owner/operator address: 55 JERICO TNPK
JERICO, NY 11753
Owner/operator country: US
Owner/operator telephone: (516) 997-9300
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
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
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
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

557 GRAND CONCOURSE (Continued)

1001090484

Historical Generators:

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.

ECHO:

Envid: 1001090484
Registry ID: 110006450367
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110006450367

**AB124
NE
1/8-1/4
0.185 mi.
977 ft.**

**COMMERCIAL PROPERTY
557 GRAND CONCOURSE
BRONX, NY
Site 2 of 8 in cluster AB**

**NY LTANKS S104782387
NY Spills N/A**

**Relative:
Higher**

LTANKS:

Site ID: 108555
Spill Number/Closed Date: 0007591 / 2004-10-01
Spill Date: 2000-09-27
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:
50 ft.**

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: KMFoley

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL PROPERTY (Continued)

S104782387

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
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 City,St,Zip: BRONX, ZZ
Spiller County: 001
Spiller Contact: BRUCE BECK
Spiller Phone: (631) 226-9080
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"

Material:
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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:
Facility ID: 0601001
Facility Type: ER
DER Facility ID: 95382
Site ID: 363138
DEC Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL PROPERTY (Continued)

S104782387

Spill Date: 2006-04-26
Spill Number/Closed Date: 0601001 / 2006-05-18
Spill Cause: Other
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
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
Spiller Address: 557 GRAND CONCOURSE
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: BRUCE BECK
Contact Phone: (631) 422-3370
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: ""

Material:
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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL PROPERTY (Continued)

S104782387

Tank Test:

AB125
NE
1/8-1/4
0.185 mi.
977 ft.

AMOCO-PEREZ 13305
557 GRAND CONCOURSE
BRONX, NY 10451

Site 3 of 8 in cluster AB

RCRA NonGen / NLR 1001171440
ICIS NY0001492875
US AIRS
FINDS
NY MANIFEST
ECHO

Relative:
Higher

RCRA NonGen / NLR:

Actual:
50 ft.

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
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 JERICHO TNPK
JERICHO, NY 11753
Owner/operator country: US
Owner/operator telephone: (516) 997-9300
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GRAND CONCOURSE REALTY CORP
Owner/operator address: 55 JERICHO TNPK
JERICHO, NY 11753
Owner/operator country: US
Owner/operator telephone: (516) 997-9300
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO-PEREZ 13305 (Continued)

1001171440

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: 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 WASTE

Violation Status: No violations found

ICIS:

Enforcement Action ID: 02-1997-0297
FRS ID: 110001565869
Program ID: FIS 2-6004-00042
Action Name: ROUTE 109 SERVICE STATIONS INC ET.AL.
Full Address: 557 GRAND CONCOURSE BRONX NY 10451
State: New York
Facility Name: AMOCO-PEREZ 13305
Facility Address: 557 GRAND CONCOURSE
BRONX, NY 10451
Enforcement Action Type: Civil Judicial Action
Facility County: BRONX
EPA Region #: 2

Enforcement Action ID: 02-1997-0297
FRS ID: 110001565869
Program ID: RCRAINFO NY0001492875
Action Name: ROUTE 109 SERVICE STATIONS INC ET.AL.
Full Address: 557 GRAND CONCOURSE BRONX NY 10451
State: New York
Facility Name: AMOCO-PEREZ 13305
Facility Address: 557 GRAND CONCOURSE
BRONX, NY 10451
Enforcement Action Type: Civil Judicial Action
Facility County: BRONX
EPA Region #: 2

Enforcement Action ID: 02-1997-0297
FRS ID: 110001565869
Program ID: FRS 110001565869
Action Name: ROUTE 109 SERVICE STATIONS INC ET.AL.
Full Address: 557 GRAND CONCOURSE BRONX NY 10451
State: New York

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO-PEREZ 13305 (Continued)

1001171440

Facility Name: AMOCO-PEREZ 13305
Facility Address: 557 GRAND CONCOURSE
BRONX, NY 10451
Enforcement Action Type: Civil Judicial Action
Facility County: BRONX
EPA Region #: 2

Program ID: FIS 2-6004-00042
Facility Name: AMOCO-PEREZ 13305
Address: 557 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Program ID: FRS 110001565869
Facility Name: AMOCO-PEREZ 13305
Address: 557 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

Program ID: RCRAINFO NY0001492875
Facility Name: AMOCO-PEREZ 13305
Address: 557 GRAND CONCOURSE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: Not reported

US AIRS MINOR:

Envid: 1001171440
Region Code: 02
Programmatic ID: AIR NY0000NY2600400042
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 NY0000NY2600400042
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO-PEREZ 13305 (Continued)

1001171440

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 its 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.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO-PEREZ 13305 (Continued)

1001171440

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
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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO-PEREZ 13305 (Continued)

1001171440

Specific Gravity: 01.00

ECHO:

Envid: 1001171440
Registry ID: 110001565869
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110001565869

**AB126
NE
1/8-1/4
0.185 mi.
977 ft.**

**JOSE PEREZ
557 GRAND CONCOURSE
BRONX, NY 10450**

**NY UST U004067688
N/A**

Site 4 of 8 in cluster AB

**Relative:
Higher**

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

**Actual:
50 ft.**

Affiliation Records:

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: 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

Site Id: 7375
Affiliation Type: On-Site 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: 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
Country Code: 001
Phone: (516) 997-9300
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2006-12-19

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: 12/19/2006

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

B00 - Tank External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
F08 - Pipe External Protection - Retrofitted Impressed Current
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
D02 - Pipe Type - Galvanized Steel

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Date Test: 05/08/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/19/2006

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
F08 - Pipe External Protection - Retrofitted Impressed Current
B00 - Tank External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

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: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

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: 12/19/2006

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
F08 - Pipe External Protection - Retrofitted Impressed Current
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

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: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

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
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/19/2006

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
D10 - Pipe Type - Copper
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

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: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

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: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

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: 03/04/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Equipment Records:

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

Affiliation Records:

Site Id: 21647
Affiliation Type: On-Site 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: Facility Owner
Company Name: STORAGE MAINTAINENCE
Contact Type: Not reported
Contact Name: Not reported
Address1: 55 JERCHO TURNPIKE
Address2: Not reported
City: JERICHO
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
Address1: 55 JERCHO TURNPIKE
Address2: Not reported
City: JERICHO
State: NY
Zip Code: 11753
Country Code: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

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: 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
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: 12/19/2006

Equipment Records:

B00 - Tank External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
F08 - Pipe External Protection - Retrofitted Impressed Current
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
D02 - Pipe Type - Galvanized Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

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: 12/19/2006

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
F08 - Pipe External Protection - Retrofitted Impressed Current
B00 - Tank External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

H05 - Tank Leak Detection - In-Tank System (ATG)
D02 - Pipe Type - Galvanized Steel
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

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: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)

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: 12/19/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
F08 - Pipe External Protection - Retrofitted Impressed Current
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

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: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser

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)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 12/19/2006

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
D10 - Pipe Type - Copper
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

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: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOSE PEREZ (Continued)

U004067688

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: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser

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: 03/04/2004

Equipment Records:

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

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

W127 **287 WALTON AVE.**
South **287 WALTON AVENUE**
1/8-1/4 **BRONX, NY 10451**
0.187 mi.
987 ft. **Site 7 of 7 in cluster W**

NY AST **U004078456**
 N/A

Relative:
Higher

AST:
 Region: STATE
 DEC Region: 2
 Site Status: Active
 Facility Id: 2-605583
 Program Type: PBS
 UTM X: 590282.01893
 UTM Y: 4518747.44968
 Expiration Date: 04/06/2016
 Site Type: Other

Actual:
30 ft.

Affiliation Records:
 Site Id: 27450
 Affiliation Type: Facility Owner
 Company Name: 287 WALTON AVE ASSOCIATES
 Contact Type: PLANT MANAGER
 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: KXTANG
 Date Last Modified: 2006-03-29

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: Not reported
 Fax Number: Not reported
 Modified By: TRANSLAT
 Date Last Modified: 2004-03-04

Site Id: 27450
 Affiliation Type: On-Site Operator
 Company Name: 287 WALTON AVE.
 Contact Type: Not reported
 Contact Name: KEN RUTH
 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

287 WALTON AVE. (Continued)

U004078456

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
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:

H02 - Tank Leak Detection - Interstitial - Manual Monitoring
F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
B05 - Tank External Protection - Jacketed
C01 - Pipe Location - Aboveground
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

Tank Location: 6
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

287 WALTON AVE. (Continued)

U004078456

Register: True
Modified By: MSBAPTIS
Last Modified: 02/11/2011
Material Name: Not reported

AA128
NNE
1/8-1/4
0.189 mi.
997 ft.

NYCDOS TANK TEST FAILURE
545 GERARD AVE / 125 EAST 149TH STREET
BRONX, NY

NY LTANKS **S112148870**
N/A

Site 3 of 4 in cluster AA

Relative:
Higher

LTANKS:

Actual:
22 ft.

Site ID: 467515
Spill Number/Closed Date: 1204620 / 2012-09-18
Spill Date: 2012-08-08
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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 City,St,Zip: BRONX, NY
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: "DEMEO 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 File review. NYSDOS (Al Mignone) has provided copies of initial

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYCDOS TANK TEST FAILURE (Continued)

S112148870

Remarks: 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. "

Material:
 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: Gallons
 Recovered: Not reported
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

AA129
 NNE
 1/8-1/4
 0.189 mi.
 997 ft.

**NYC DEPT OF SANITATION TTF
 545 GERARD AVE
 BRONX, NY
 Site 4 of 4 in cluster AA**

**NY LTANKS S112148841
 N/A**

Relative:
 Higher

LTANKS:
 Site ID: 466706
 Spill Number/Closed Date: 1203859 / 2012-09-26
 Spill Date: 2012-07-19
 Spill Cause: Tank Test Failure
 Spill Source: Institutional, Educational, Gov., Other
 Spill Class: Not reported
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 0301
 Investigator: TJDMEEO
 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
 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

Actual:
 22 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYC DEPT OF SANITATION TTF (Continued)

S112148841

Spiller City,St,Zip: BRONX, NY
 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 maufacturer (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"

Material:
 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
 Quantity: .00
 Units: Gallons
 Recovered: Not reported
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

**AC130
 NE
 1/8-1/4
 0.190 mi.
 1003 ft.**

**138 EAST 150TH STREET
 138 EAST 150TH STREET
 BRONX, NY
 Site 1 of 2 in cluster AC**

**NY LTANKS S102672286
 N/A**

**Relative:
 Higher**

LTANKS:
 Site ID: 284811
 Spill Number/Closed Date: 9310947 / 1993-12-10
 Spill Date: 1993-12-09
 Spill Cause: Tank Overfill
 Spill Source: Private Dwelling
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Cleanup Ceased: 1993-12-10
 Cleanup Meets Standard: True
 SWIS: 0301
 Investigator: CAMMISA
 Referred To: Not reported

**Actual:
 38 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138 EAST 150TH STREET (Continued)

S102672286

Reported to Dept: 1993-12-09
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1993-12-13
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: UNK
Spiller Address: Not reported
Spiller City,St,Zip: ***UPDATE***, ZZ
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."

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

AB131
ENE
1/8-1/4
0.191 mi.
1006 ft.

BRONX GENERAL POST OFFICE
558-582 GRAND CONCOURSE AVE.
BRONX, NY 10454

NY HIST UST U003790757
N/A

Site 5 of 8 in cluster AB

Relative:
Higher

HIST UST:
PBS Number: 2-476196
SPDES Number: Not reported
Emergency Contact: NICOLAS DE CARLO
Emergency Telephone: (212) 330-3107
Operator: LOU DE NAPOLES
Operator Telephone: (718) 402-5742
Owner Name: UNITED STATES POSTAL SERVICE

Actual:
49 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX GENERAL POST OFFICE (Continued)

U003790757

Owner Address: JAMES A. FARLEY BLDG., 421 8TH AVE.
Owner City,St,Zip: NEW YORK, NY 10199
Owner Telephone: (212) 330-3107
Owner Type: Federal Government
Owner Subtype: Not reported
Mailing Name: ATC ASSOCIATES INC.
Mailing Address: 104 EAST 25TH ST.
Mailing Address 2: Not reported
Mailing City,St,Zip: NEW YORK, NY 10010
Mailing Contact: CURT SCHMIDT
Mailing Telephone: (212) 353-8280
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Facility Addr2: 558 GRAND CONCOURSE
SWIS ID: 6001
Old PBS Number: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 04/27/2001
Expiration Date: 06/22/2004
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 20000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City: 01
Region: 2

Tank Id: #1
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: Not reported
Capacity (gals): 2500
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: None
Dispenser: Suction

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX GENERAL POST OFFICE (Continued)

U003790757

Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 04/01/2001
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: #2
Tank Location: UNDERGROUND
Tank Status: Closed-In Place
Install Date: Not reported
Capacity (gals): 2500
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: Diking
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: 04/01/2001
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AB132
ENE
1/8-1/4
0.191 mi.
1006 ft.

BRONX PROCESSING & DISTRIBUTION CENTER
558-582 GRAND CONCOURSE AVE.
BRONX, NY 10454

NY UST **U004077895**
N/A

Site 6 of 8 in cluster AB

Relative:
Higher

UST:
Id/Status: 2-476196 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 06/22/2014
UTM X: 590483.56250
UTM Y: 4519218.00000
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Actual:
49 ft.

Affiliation Records:
Site Id: 21070
Affiliation Type: Emergency Contact
Company Name: UNITED STATES POSTAL SERVICE
Contact Type: Not reported
Contact Name: PLANT MAINTENANCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX PROCESSING & DISTRIBUTION CENTER (Continued)

U004077895

Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 960-7039
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-10

Site Id: 21070
Affiliation Type: Facility Owner
Company Name: UNITED STATES POSTAL SERVICE
Contact Type: ENVIRONMENTAL COMPLIANCE SPECIALIST
Contact Name: JAMES E. NAGY, CPEA, REM
Address1: 558 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451-9731
Country Code: 001
Phone: (718) 960-7039
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2010-06-01

Site Id: 21070
Affiliation Type: Mail Contact
Company Name: U.S. POSTAL SERVICE - NEW YORK METRO AREA
Contact Type: Not reported
Contact Name: JAMES E. NAGY, CPEA, REM
Address1: JAMES A. FARLEY BUILDING, ROOM 5019
Address2: 421 8TH AVENUE
City: NEW YORK
State: NY
Zip Code: 10199-9998
Country Code: 001
Phone: (212) 330-3131
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-10

Site Id: 21070
Affiliation Type: On-Site Operator
Company Name: BRONX PROCESSING AND DISTRIBUTION CENTER
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX PROCESSING & DISTRIBUTION CENTER (Continued)

U004077895

Phone: (718) 960-7039
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-09

Tank Info:

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: 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: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX PROCESSING & DISTRIBUTION CENTER (Continued)

U004077895

Modified By: TRANSLAT
Last Modified: 03/04/2004
Equipment Records:
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser

AB133
ENE
1/8-1/4
0.191 mi.
1006 ft.

BRONX PROCESSING & DISTRIBUTION CENTER
558-582 GRAND CONCOURSE AVE.
BRONX, NY 10454
Site 7 of 8 in cluster AB

NY AST **U003395125**
N/A

Relative:
Higher

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-476196
Program Type: PBS
UTM X: 590483.56250
UTM Y: 4519218.00000
Expiration Date: 06/22/2014
Site Type: Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Actual:
49 ft.

Affiliation Records:
Site Id: 21070
Affiliation Type: Emergency Contact
Company Name: UNITED STATES POSTAL SERVICE
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: 999
Phone: (718) 960-7039
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-10

Site Id: 21070
Affiliation Type: Facility Owner
Company Name: UNITED STATES POSTAL SERVICE
Contact Type: ENVIRONMENTAL COMPLIANCE SPECIALIST
Contact Name: JAMES E. NAGY, CPEA, REM
Address1: 558 GRAND CONCOURSE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451-9731

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX PROCESSING & DISTRIBUTION CENTER (Continued)

U003395125

Country Code: 001
Phone: (718) 960-7039
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2010-06-01

Site Id: 21070
Affiliation Type: Mail Contact
Company Name: U.S. POSTAL SERVICE - NEW YORK METRO AREA
Contact Type: Not reported
Contact Name: JAMES E. NAGY, CPEA, REM
Address1: JAMES A. FARLEY BUILDING, ROOM 5019
Address2: 421 8TH AVENUE
City: NEW YORK
State: NY
Zip Code: 10199-9998
Country Code: 001
Phone: (212) 330-3131
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-10

Site Id: 21070
Affiliation Type: On-Site Operator
Company Name: BRONX PROCESSING AND DISTRIBUTION CENTER
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: (718) 960-7039
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-08-09

Tank Info:

Tank Number: 001
Tank Id: 37927
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX PROCESSING & DISTRIBUTION CENTER (Continued)

U003395125

J00 - Dispenser - None
G10 - Tank Secondary Containment - Impervious Underlayment
E02 - Piping Secondary Containment - Vault (with Access)
I04 - Overfill - Product Level Gauge (A/G)
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
3
Tank Location: Steel/Carbon Steel/Iron
Tank Type: In Service
Tank Status: Not reported
Pipe Model: 12/01/1958
Install Date: 20000
Capacity Gallons: NN
Tightness Test Method: Not reported
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: True
Register: KXTANG
Modified By: 08/09/2005
Last Modified: Not reported
Material Name:

AB134
ENE
1/8-1/4
0.191 mi.
1006 ft.

USPS - BRONX
558 GRAND CONCOURSE
BRONX, NY 10451
Site 8 of 8 in cluster AB

RCRA-CESQG **1001080199**
FINDS **NY8180000137**
NY MANIFEST
PA MANIFEST
ECHO

Relative:
Higher

RCRA-CESQG:

Actual:
49 ft.

Date form received by agency: 01/01/2007
Facility name: USPS - BRONX
Facility address: 558 GRAND CONCOURSE
BRONX, NY 104519731
EPA ID: NY8180000137
Mailing address: GRAND CONCOURSE
BRONX, NY 104519731
Contact: MARLON L WILLIAMS
Contact address: GRAND CONCOURSE
BRONX, NY 104519731
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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Owner/Operator Summary:

Owner/operator name: US POSTAL SERVICE
Owner/operator address: GRAND CONCOURSE
BRONX, NY 10451
Owner/operator country: US
Owner/operator telephone: (718) 402-7744
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 12/31/1979
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
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
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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
Legal status: Federal
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

USPS - BRONX (Continued)

1001080199

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 SOLVENTS LISTED IN F001, F004, AND 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 WASTE

. 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 SOLVENTS LISTED IN F001, 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: 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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

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
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: 2013
Trans1 State ID: NYR000115733
Trans2 State ID: NYD980761191
Generator Ship Date: 09/05/2013
Trans1 Recv Date: 09/05/2013
Trans2 Recv Date: 09/10/2013
TSD Site Recv Date: 09/10/2013
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: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 001502235FLE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 50
Units: K - Kilograms (2.2 pounds)
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: Not reported
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: B007
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NYR000115733
Trans2 State ID: Not reported
Generator Ship Date: 09/05/2013
Trans1 Recv Date: 09/05/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/07/2013
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
TSDF ID 1: PAD067098822
TSDF ID 2: Not reported
Manifest Tracking Number: 001502239FLE
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: P - Pounds
Number of Containers: 1
Container Type: DM - Metal drums, barrels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: D001
Waste Code 1_2: U154
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NYR000115733
Trans2 State ID: Not reported
Generator Ship Date: 09/05/2013
Trans1 Recv Date: 09/05/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/07/2013
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: PAD067098822
TSD ID 2: Not reported
Manifest Tracking Number: 001502239FLE
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: 5
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: D002
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2013
Trans1 State ID: NYR000115733
Trans2 State ID: Not reported
Generator Ship Date: 09/05/2013
Trans1 Recv Date: 09/05/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/07/2013
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: PAD067098822
TSD ID 2: Not reported
Manifest Tracking Number: 001502239FLE
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: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: D002
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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: MAD985286988
Trans2 State ID: Not reported
Generator Ship Date: 05/07/2010
Trans1 Recv Date: 05/07/2010
Trans2 Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

TSD Site Recv Date: 05/12/2010
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: NYD077444263
TSD ID 2: Not reported
Manifest Tracking Number: 002483292FLE
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: 265.0
Units: P - Pounds
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2007
Trans1 State ID: NJD986607380
Trans2 State ID: Not reported
Generator Ship Date: 12/27/2007
Trans1 Recv Date: 12/27/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/02/2008
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: PAD067098822
TSD ID 2: Not reported
Manifest Tracking Number: 000390134JJK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

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: 400
Units: P - Pounds
Number of Containers: 2
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: D001
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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2007
Trans1 State ID: NJD986607380
Trans2 State ID: Not reported
Generator Ship Date: 12/27/2007
Trans1 Recv Date: 12/27/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/02/2008
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
TSDF ID 1: PAD067098822
TSDF ID 2: Not reported
Manifest Tracking Number: 000390134JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

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: 10
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: D001
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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2007
Trans1 State ID: NJD985607380
Trans2 State ID: Not reported
Generator Ship Date: 12/11/2007
Trans1 Recv Date: 12/11/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/13/2007
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: PAD067098822
TSD ID 2: Not reported
Manifest Tracking Number: 000390487JJK
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: 5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: D001
Waste Code 1_2: F003
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2007
Trans1 State ID: NJD985607380
Trans2 State ID: Not reported
Generator Ship Date: 12/11/2007
Trans1 Recv Date: 12/11/2007
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/13/2007
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
TSDF ID 1: PAD067098822
TSDF ID 2: Not reported
Manifest Tracking Number: 000390487JJK
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: 5
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 1
Waste Code: D002
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

USPS - BRONX (Continued)

1001080199

Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2007
Trans1 State ID:	NJD985607380
Trans2 State ID:	Not reported
Generator Ship Date:	12/11/2007
Trans1 Recv Date:	12/11/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/13/2007
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:	PAD067098822
TSD ID 2:	Not reported
Manifest Tracking Number:	000390487JJK
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:	5
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D002
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
Document ID:	NYG1780749
Manifest Status:	Not reported
seq:	01
Year:	2006
Trans1 State ID:	PAR000501577
Trans2 State ID:	PAD146714878

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Generator Ship Date: 05/15/2006
Trans1 Recv Date: 05/15/2006
Trans2 Recv Date: 05/17/2006
TSD Site Recv Date: 06/05/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY8180000137
Trans1 EPA ID: NYPA354
Trans2 EPA ID: NYPA263
TSD ID 1: NCD980842132
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: 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: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00042
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
Waste Code: U072 - P-DICHLOROBENZENE
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00014
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00038
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

Document ID: NYG1780749
Manifest Status: Not reported
seq: 02
Year: 2006
Trans1 State ID: PAR000501577
Trans2 State ID: PAD146714878
Generator Ship Date: 05/15/2006
Trans1 Recv Date: 05/15/2006
Trans2 Recv Date: 05/17/2006
TSD Site Recv Date: 06/05/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY8180000137
Trans1 EPA ID: NYPA354
Trans2 EPA ID: NYPA263
TSD ID 1: NCD980842132
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: D002 - NON-LISTED CORROSIVE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00040
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

Document ID: NYC7748245
Manifest Status: Not reported
seq: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Year: 2006
Trans1 State ID: TXR000050930
Trans2 State ID: MOD095038998
Generator Ship Date: 02/16/2006
Trans1 Recv Date: 02/16/2006
Trans2 Recv Date: 02/28/2006
TSD Site Recv Date: 02/28/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY8180000137
Trans1 EPA ID: NYAP6277
Trans2 EPA ID: MO013
TSD ID 1: NYR000127506
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: D002 - NON-LISTED CORROSIVE 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: DF - Fiberboard or plastic drums (glass)
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 01.00

Document ID: NYC7759710
Manifest Status: Not reported
seq: 01
Year: 2006
Trans1 State ID: TXR000050930
Trans2 State ID: MOD095038998
Generator Ship Date: 05/05/2006
Trans1 Recv Date: 05/05/2006
Trans2 Recv Date: 05/16/2006
TSD Site Recv Date: 06/01/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY8180000137
Trans1 EPA ID: NY55817JL
Trans2 EPA ID: DPP25832
TSD ID 1: MNR000000588
TSD ID 2: Not reported
Manifest Tracking Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

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: B007 - OTHER MISCELLANEOUS PCB 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: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: PAG0473005
Manifest Status: Not reported
seq: 01
Year: 2006
Trans1 State ID: PAR000501577
Trans2 State ID: PAD146714878
Generator Ship Date: 05/15/2006
Trans1 Recv Date: 05/15/2006
Trans2 Recv Date: 05/17/2006
TSD Site Recv Date: 05/25/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY8180000137
Trans1 EPA ID: 0682
Trans2 EPA ID: 0176
TSD ID 1: PAD067098822
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: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Waste Code: Not reported
Waste Code: Not reported
Quantity: 00025
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00012
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: L Landfill.
Specific Gravity: 01.00

Document ID: NYG1781937
Manifest Status: Not reported
seq: Not reported
Year: 2005
Trans1 State ID: PAR000501577
Trans2 State ID: PAD146714878
Generator Ship Date: 11/30/2005
Trans1 Recv Date: 11/30/2005
Trans2 Recv Date: 12/02/2005
TSD Site Recv Date: 12/13/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY8180000137
Trans1 EPA ID: NYPA354
Trans2 EPA ID: NYPA263
TSDF ID 1: NCD980842132
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: 00010
Units: P - Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00125
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 01.00
Waste Code: U080 - METHYLENE CHLORIDE
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00018
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
Waste Code: Not reported
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: Not reported

Document ID: NYC7720312
Manifest Status: Not reported
seq: Not reported
Year: 2005
Trans1 State ID: TXR000050930
Trans2 State ID: MOD055038998
Generator Ship Date: 10/21/2005
Trans1 Recv Date: 10/21/2005
Trans2 Recv Date: 11/01/2005
TSD Site Recv Date: 12/05/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY8180000137
Trans1 EPA ID: 76826JR
Trans2 EPA ID: MO113
TSD ID 1: MNR000000588
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

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: B007 - OTHER MISCELLANEOUS PCB WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00055
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00

Document ID: NYG2825712
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: 89189JNNY
Trans2 State ID: Not reported
Generator Ship Date: 10/28/2004
Trans1 Recv Date: 10/28/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/28/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY8180000137
Trans1 EPA ID: NYD986908085
Trans2 EPA ID: Not reported
TSD ID 1: NYD082785
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: 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: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00055
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00005
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: PAH0140297
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: PAAH0317
Trans2 State ID: Not reported
Generator Ship Date: 05/05/2004
Trans1 Recv Date: 05/05/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/06/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY8180000137
Trans1 EPA ID: PAD982661381
Trans2 EPA ID: Not reported
TSDF ID 1: PAD085690
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: D008 - LEAD 5.0 MG/L TCLP
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00400
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NYG2936241
Manifest Status: Not reported
seq: 01
Year: 2003
Trans1 State ID: 27567PA
Trans2 State ID: Not reported
Generator Ship Date: 03/24/2003
Trans1 Recv Date: 03/24/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/25/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY8180000137
Trans1 EPA ID: NYD986908085
Trans2 EPA ID: Not reported
TSD ID 1: NYD077444263
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: 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: 00260
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 20 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

USPS - BRONX (Continued)

1001080199

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

Year: 2013
Manifest Number: 001502239FLE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

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: 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: 2007
Manifest Number: 000390487JJK
Manifest Type: Not reported
Generator EPA Id: NY8180000137
Generator Date: 12/11/2007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

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
Mailing City,St,Zip: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

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
TSD EPA Id: PAD067098822
TSD Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

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: 4
Waste Number: D001
Container Number: 2
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 12
Unit: Pounds
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

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

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: 1
Waste Number: D001
Container Number: 1
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 25
Unit: Pounds
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX (Continued)

1001080199

Line Number: 3
Waste Number: NONE
Container Number: 1
Container Type: Fiber or plastic boxes, cartons, cases
Waste Quantity: 500
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

ECHO:

Envid: 1001080199
Registry ID: 110001564655
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110001564655

Z135
North
1/8-1/4
0.191 mi.
1009 ft.

AMERICAN SELF STORAGE
586 RIVER AVENUE / 595 GERARD AVENUE
BRONX, NY 10451

NY AST A100293021
N/A

Site 3 of 3 in cluster Z

Relative:
Lower

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-609485
Program Type: PBS
UTM X: 590277.83845
UTM Y: 4519379.18986
Expiration Date: 03/17/2019
Site Type: Other

Actual:
8 ft.

Affiliation Records:

Site Id: 55497
Affiliation Type: Facility Owner
Company Name: GERARD AVENUE LLC
Contact Type: PARTNER
Contact Name: JOHN DELMONACO
Address1: 788 SHREWSBURY AVE, SUITE 105
Address2: Not reported
City: TINTON FALLS
State: NJ
Zip Code: 07724
Country Code: 001
Phone: (732) 741-0707
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-12-22

Site Id: 55497
Affiliation Type: Mail Contact
Company Name: AMERICAN SELF-STORAGE
Contact Type: Not reported
Contact Name: MATTHEW MONGELLI
Address1: 788 SHREWSBURY AVE
Address2: SUITE 105
City: TINTON FALLS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN SELF STORAGE (Continued)

A100293021

State: NJ
Zip Code: 07724
Country Code: 001
Phone: (732) 741-0707
EMail: KAREN@AMERICANSELFSTORAGE.COM
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-12-22

Site Id: 55497
Affiliation Type: On-Site Operator
Company Name: AMERICAN SELF STORAGE
Contact Type: Not reported
Contact Name: AMERICAN SELF STORAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 402-6800
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2004-03-17

Site Id: 55497
Affiliation Type: Emergency Contact
Company Name: AMERICAN SELF STORAGE
Contact Type: Not reported
Contact Name: MACK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 402-6800
EMail: Not reported
Fax Number: Not reported
Modified By: dxliving
Date Last Modified: 2004-03-17

Tank Info:

Tank Number: 001
Tank Id: 178273
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AMERICAN SELF STORAGE (Continued)

A100293021

L00 - Piping Leak Detection - None
 G04 - Tank Secondary Containment - Double-Walled (Underground)
 C01 - Pipe Location - Aboveground
 D01 - Pipe Type - Steel/Carbon Steel/Iron
 E00 - Piping Secondary Containment - None
 J02 - Dispenser - Suction Dispenser
 K00 - Spill Prevention - None

Tank Location: 3
 Tank Type: Steel/Carbon Steel/Iron
 Tank Status: In Service
 Pipe Model: Not reported
 Install Date: 01/01/1952
 Capacity Gallons: 10000
 Tightness Test Method: 00
 Date Test: Not reported
 Next Test Date: Not reported
 Date Tank Closed: Not reported
 Register: True
 Modified By: NTFREEMA
 Last Modified: 12/22/2015
 Material Name: Not reported

Y136
SSE
1/8-1/4
0.194 mi.
1024 ft.

PEGUERO BROTHERS REPAIR SHOP
338 GRAND CONCOURSE
BRONX, NY 10451
Site 4 of 4 in cluster Y

NY AST A100304677
N/A

Relative:
Higher

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

Actual:
28 ft.

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
 EMail: Not reported
 Fax Number: Not reported
 Modified By: NRLOMBAR
 Date Last Modified: 2007-05-18

Site Id: 381648

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEGUERO BROTHERS REPAIR SHOP (Continued)

A100304677

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: On-Site 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

Tank Info:

Tank Number: 060613
Tank Id: 217281
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEGUERO BROTHERS REPAIR SHOP (Continued)

A100304677

Equipment Records:

A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
L00 - Piping Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
B00 - Tank External Protection - None
D11 - Pipe Type - Flexible Piping
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C01 - Pipe Location - Aboveground
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

Tank Location: 3
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: 05/18/2007
Material Name: Not reported

AD137
SSE
1/8-1/4
0.196 mi.
1034 ft.

GRAND OPERATING CORP
315 GRAND CONCOURSE
BRONX, NY 10451
Site 1 of 3 in cluster AD

RCRA NonGen / NLR 1001489342
US AIRS NYU005001326
FINDS
ECHO

Relative:
Higher

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

Actual:
29 ft.

Owner/Operator Summary:

Owner/operator name: NON REGULATED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, NY 99999
Owner/operator country: US
Owner/operator telephone: (718) 555-1212

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND OPERATING CORP (Continued)

1001489342

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
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

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

US AIRS MINOR:

Envid: 1001489342

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND OPERATING CORP (Continued)

1001489342

Region Code: 02
Programmatic ID: AIR NY0000NY2600400082
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 NY0000NY2600400082
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 NY0000NY2600400082
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 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,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND OPERATING CORP (Continued)

1001489342

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

ECHO:

Envid: 1001489342
Registry ID: 110009488394
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110009488394

AD138
SSE
1/8-1/4
0.196 mi.
1034 ft.

BOULEVARD CAR WASH OF N.Y. INC.
315 GRAND CONCOURSE
BRONX, NY 10451

NY UST **U004078584**
N/A

Site 2 of 3 in cluster AD

Relative:
Higher

UST:

Id/Status: 2-402877 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 02/08/2020
UTM X: 590360.02782
UTM Y: 4518727.09633
Site Type: Other Wholesale/Retail Sales

Actual:
29 ft.

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: On-Site 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

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

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

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

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

Tightness Test Method: 21
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I02 - Overfill - High Level Alarm
B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
A99 - Tank Internal Protection - Other
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

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: 03/04/2004

Equipment Records:

J01 - Dispenser - Pressurized Dispenser
B02 - Tank External Protection - Original Sacrificial Anode
K01 - Spill Prevention - Catch Basin
D01 - Pipe Type - Steel/Carbon Steel/Iron
F02 - Pipe External Protection - Original Sacrificial Anode
H05 - Tank Leak Detection - In-Tank System (ATG)
A99 - Tank Internal Protection - Other
I02 - Overfill - High Level Alarm
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 003
Tank ID: 22925
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550

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

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: 03/04/2004

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
F02 - Pipe External Protection - Original Sacrificial Anode
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A99 - Tank Internal Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)
B02 - Tank External Protection - Original Sacrificial Anode
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
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B02 - Tank External Protection - Original Sacrificial Anode
D01 - Pipe Type - Steel/Carbon Steel/Iron
F02 - Pipe External Protection - Original Sacrificial Anode
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
A99 - Tank Internal Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)
C02 - Pipe Location - Underground/On-ground
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

I04 - Overfill - Product Level Gauge (A/G)

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: 03/04/2004

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
F02 - Pipe External Protection - Original Sacrificial Anode
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
A99 - Tank Internal Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
B02 - Tank External Protection - Original Sacrificial Anode
I04 - Overfill - Product Level Gauge (A/G)

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
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: 03/04/2004

Equipment Records:

D01 - Pipe 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)

U004078584

F02 - Pipe External Protection - Original Sacrificial Anode
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A99 - Tank Internal Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)
B02 - Tank External Protection - Original Sacrificial Anode
I04 - Overfill - Product Level Gauge (A/G)

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: 03/04/2004

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
A99 - Tank Internal Protection - Other
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)
B02 - Tank External Protection - Original Sacrificial Anode
D01 - Pipe Type - Steel/Carbon Steel/Iron
F02 - Pipe External Protection - Original Sacrificial Anode
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin

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

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

Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

A99 - Tank Internal Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F02 - Pipe External Protection - Original Sacrificial Anode
J02 - Dispenser - Suction Dispenser
B02 - Tank External Protection - Original Sacrificial Anode
I99 - Overfill - Other

AD139
SSE
1/8-1/4
0.196 mi.
1034 ft.

BOULEVARD CAR WASH OF N.Y. INC.
315 GRAND CONCOURSE
BRONX, NY 10451

NY AST **A100293314**
N/A

Site 3 of 3 in cluster AD

Relative:
Higher

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-402877
Program Type: PBS
UTM X: 590360.02782
UTM Y: 4518727.09633
Expiration Date: 02/08/2020
Site Type: Other Wholesale/Retail Sales

Actual:
29 ft.

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: On-Site Operator
Company Name: BOULEVARD CAR WASH OF N.Y. INC.
Contact Type: Not reported
Contact Name: MAMADOU CISSE
Address1: Not reported
Address2: 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)

A100293314

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

Tank Info:

Tank Number: 67
Tank Id: 181891
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
J03 - Dispenser - Gravity

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

K01 - Spill Prevention - Catch Basin
A01 - Tank Internal Protection - Epoxy Liner
B01 - Tank External Protection - Painted/Asphalt Coating
F06 - Pipe External Protection - Wrapped
G01 - Tank Secondary Containment - Diking (Aboveground)
C01 - Pipe Location - Aboveground
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I04 - Overfill - Product Level Gauge (A/G)

Tank Location: 2
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: 02/19/2015
Material Name: Not reported

Tank Number: 68
Tank Id: 181887
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I04 - Overfill - Product Level Gauge (A/G)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
A01 - Tank Internal Protection - Epoxy Liner
B01 - Tank External Protection - Painted/Asphalt Coating
F06 - Pipe External Protection - Wrapped
G01 - Tank Secondary Containment - Diking (Aboveground)
C01 - Pipe Location - Aboveground
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
J03 - Dispenser - Gravity
K01 - Spill Prevention - Catch Basin

Tank Location: 2
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: 02/19/2015

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 Name: Not reported

Tank Number: 69
Tank Id: 181888
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
B01 - Tank External Protection - Painted/Asphalt Coating
F06 - Pipe External Protection - Wrapped
G01 - Tank Secondary Containment - Diking (Aboveground)
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
J03 - Dispenser - Gravity
K01 - Spill Prevention - Catch Basin
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I04 - Overfill - Product Level Gauge (A/G)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
C01 - Pipe Location - Aboveground

Tank Location: 2
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: 02/19/2015
Material Name: Not reported

Tank Number: 70
Tank Id: 181889
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

A01 - Tank Internal Protection - Epoxy Liner
B01 - Tank External Protection - Painted/Asphalt Coating
F06 - Pipe External Protection - Wrapped
G01 - Tank Secondary Containment - Diking (Aboveground)
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I04 - Overfill - Product Level Gauge (A/G)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
C01 - Pipe Location - Aboveground
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
J03 - Dispenser - Gravity

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 Location: K01 - Spill Prevention - Catch Basin
2
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: 02/19/2015
Material Name: Not reported

Tank Number: 71
Tank Id: 181890
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I04 - Overfill - Product Level Gauge (A/G)
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
A01 - Tank Internal Protection - Epoxy Liner
B01 - Tank External Protection - Painted/Asphalt Coating
F06 - Pipe External Protection - Wrapped
G01 - Tank Secondary Containment - Diking (Aboveground)
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
J03 - Dispenser - Gravity
K01 - Spill Prevention - Catch Basin
C01 - Pipe Location - Aboveground

Tank Location: 2
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: 02/19/2015
Material Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AC140
NE
1/8-1/4
0.198 mi.
1047 ft.

ENGINE COMPANY 41
150 E. 150TH STREET
BRONX, NY 10451

NY AST S107783576
NY HIST AST N/A

Site 2 of 2 in cluster AC

Relative:
Higher

AST:

Actual:
45 ft.

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-604541
Program Type: PBS
UTM X: 590454.66455
UTM Y: 4519307.92443
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: Emergency Contact
Company Name: NEW YORK CITY FIRE DEPARTMENT
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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE COMPANY 41 (Continued)

S107783576

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: On-Site 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

Tank Info:

Tank Number: 001
Tank Id: 58143
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B99 - Tank External Protection - Other
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground

Tank Location: 3
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: 03/04/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE COMPANY 41 (Continued)

S107783576

Material Name: Not reported

HIST AST:
PBS Number: 2-604541
SWIS Code: 6001
Operator: JOSEPH MASTROPIETRO
Facility Phone: (718) 784-6500
Facility Addr2: Not reported
Facility Type: OTHER
Emergency: JOSEPH MASTROPIETRO
Emergency Tel: (718) 784-6500
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: NEW YORK CITY FIRE DEPARTMENT
Owner Address: 48-34 35TH STREET
Owner City,St,Zip: LONG ISLAND CITY, NY 11101
Federal ID: Not reported
Owner Tel: (718) 784-6500
Owner Type: Local Government
Owner Subtype: Not reported
Mailing Contact: JOSEPH MASTROPIETRO
Mailing Name: NEW YORK CITY FIRE DEPARTMENT
Mailing Address: 48-34 35TH STREET
Mailing Address 2: Not reported
Mailing City,St,Zip: LONG ISLAND CITY, NY 11101
Mailing Telephone: (718) 784-6500
Owner Mark: First Owner
Facility Status: 2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag: False
Certification Date: Not reported
Expiration: 06/06/2005
Renew Flag: False
Renew Date: Not reported
Total Capacity: 0
FAMT: False
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: 0
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (Gal): 2000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: 0
Tank External: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ENGINE COMPANY 41 (Continued)

S107783576

Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: 0
Tank Containment: None
Leak Detection: 0
Overfill Protection: 0
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

141
ESE
1/8-1/4
0.204 mi.
1079 ft.

**CON EDISON SERVICE BOX: 6875
E 144TH ST & PARK AVE
BRONX, NY 10462**

**RCRA NonGen / NLR 1016972453
NY MANIFEST NYP004462289**

**Relative:
Lower**

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 6875 (Continued)

1016972453

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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON SERVICE BOX: 6875 (Continued)

1016972453

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

142
 NE
 1/8-1/4
 0.208 mi.
 1099 ft.

CON EDISON
161 E 150 ST F/O
BRONX, NY 10451

NY MANIFEST S117737491
N/A

Relative:
Higher

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

Actual:
48 ft.

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
 Mailing Zip 4: Not reported
 Mailing Country: USA

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117737491

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
TSD ID 1: NJD991291105
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AE143
North
1/8-1/4
0.209 mi.
1101 ft.

CON EDISON
E 150 ST & EXTERIOR ST
BRONX, NY 10459

RCRA NonGen / NLR
NY MANIFEST
1010327498
NYP004146965

Site 1 of 4 in cluster AE

Relative:
Lower

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

Actual:
5 ft.

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: 01/10/2007

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1010327498

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

AE144
North
1/8-1/4
0.209 mi.
1101 ft.

BRONX TERMINAL MARKET WATERFRONT PARK
EXTERIOR STREET & EAST 150TH STREET
BRONX, NY 10451

NY UST U004079927
N/A

Site 2 of 4 in cluster AE

Relative:
Lower

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

Actual:
5 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

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: On-Site 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
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

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: 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: 01/31/2007

Equipment Records:

I00 - Overfill - None
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
F06 - Pipe External Protection - Wrapped
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe 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: 01/31/2007

Equipment Records:

L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
F06 - Pipe External Protection - Wrapped
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating

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
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode
D01 - Pipe Type - Steel/Carbon Steel/Iron

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
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 01/31/2007

Equipment Records:

I00 - Overfill - None
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
F06 - Pipe External Protection - Wrapped
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 01/31/2007

Equipment Records:

I00 - Overfill - None
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
H00 - Tank Leak Detection - None
F06 - Pipe External Protection - Wrapped
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Number: 005
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: 01/31/2007

Equipment Records:

I00 - Overfill - None
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
F06 - Pipe External Protection - Wrapped
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Number: 006
Tank ID: 215520

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

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: 03/05/2007

Equipment Records:

I00 - Overfill - None
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
F06 - Pipe External Protection - Wrapped
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe 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: 03/05/2007

Equipment Records:

L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

C02 - Pipe Location - Underground/On-ground
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
F06 - Pipe External Protection - Wrapped
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
F02 - Pipe External Protection - Original Sacrificial Anode
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None

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
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: 03/05/2007

Equipment Records:

L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
F06 - Pipe External Protection - Wrapped
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
F02 - Pipe External Protection - Original Sacrificial Anode
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET WATERFRONT PARK (Continued)

U004079927

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: 03/05/2007

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
J00 - Dispenser - None
B02 - Tank External Protection - Original Sacrificial Anode
H00 - Tank Leak Detection - None
F06 - Pipe External Protection - Wrapped
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode

AF145
ESE
1/8-1/4
0.210 mi.
1110 ft.

CON EDISON SERVICE BOX: 20730
PARK AVE & E 146TH ST
BRONX, NY 10458
Site 1 of 2 in cluster AF

RCRA NonGen / NLR **1017777949**
FINDS **NYP004558581**

Relative:
Lower

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

Actual:
19 ft.

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 SERVICE BOX: 20730 (Continued)

1017777949

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.

AF146
ESE
1/8-1/4
0.210 mi.
1110 ft.

**CON EDISON
PARK AVE & E 146TH ST
BRONX, NY 10458**

**NY MANIFEST S117063434
N/A**

Site 2 of 2 in cluster AF

Relative:
Lower

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

Actual:
19 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117063434

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AE147
North
1/8-1/4
0.215 mi.
1134 ft.

PROW BUILDING
560 EXTERIOR ST
BRONX, NY 10451
Site 3 of 4 in cluster AE

RCRA-LQG **1012186678**
NY MANIFEST **NYR000165407**

Relative:
Lower

Actual:
6 ft.

RCRA-LQG:
Date form received by agency: 06/09/2009
Facility name: PROW BUILDING
Facility address: 560 EXTERIOR ST
BRONX, NY 10451
EPA ID: NYR000165407
Mailing address: COLUMBUS CIRCLE
NEW YORK, NY 10023
Contact: ANA BLUMENAU
Contact address: COLUMBUS CIRCLE
NEW YORK, NY 10023
Contact country: US
Contact telephone: (212) 801-1081
Contact email: ABLUMENAU@RELATED.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: THE CITY OF NEW YORK
Owner/operator address: CITY HALL
NEW YORK, NY 10007
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 07/21/1972
Owner/Op end date: Not reported

Owner/operator name: BTM DEVELOPMENT PARTNERS LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/14/2006
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PROW BUILDING (Continued)

1012186678

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

NY MANIFEST:

Country: USA
EPA ID: NYR000165407
Facility Status: Not reported
Location Address 1: 560 EXTERIOR ST
Code: BP
Location Address 2: 15 MAJOR DEEGAN ROAD
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000165407
Mailing Name: PROW BUILDING
Mailing Contact: BTM DEVELOPMENT PARTNERS LLC
Mailing Address 1: 60 COLUMBUS CIRCLE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10023
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7185851975

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2009
Trans1 State ID: NJD054128164
Trans2 State ID: Not reported
Generator Ship Date: 07/02/2009
Trans1 Recv Date: 07/02/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/09/2009
Part A Recv Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PROW BUILDING (Continued)

1012186678

Part B Recv Date: Not reported
 Generator EPA ID: NYR000165407
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSDf ID 1: MID980991566
 TSDf ID 2: Not reported
 Manifest Tracking Number: 005194391JJK
 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: 1150.0
 Units: P - Pounds
 Number of Containers: 5.0
 Container Type: DM - Metal drums, barrels
 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

148
SSW
1/8-1/4
0.216 mi.
1140 ft.

255 EXTERIOR STREET, LLC
255 EXTERIOR STREET
BRONX, NY 10451

NY UST U004045301
N/A

Relative:
Lower

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

Actual:
9 ft.

Affiliation Records:
 Site Id: 351975
 Affiliation Type: Facility Owner
 Company Name: 255 EXTERIOR STREET, LLC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

255 EXTERIOR STREET, LLC (Continued)

U004045301

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
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: On-Site 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

255 EXTERIOR STREET, LLC (Continued)

U004045301

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
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: 08/31/2005

Equipment Records:

C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

255 EXTERIOR STREET, LLC (Continued)

U004045301

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: KXTANG
Last Modified: 08/31/2005

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
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: 08/31/2005

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
E00 - Piping Secondary Containment - None

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AG149 **NYS ARMORY**
West **2366 5TH AVE**
1/8-1/4 **NEW YORK, NY 10037**
0.223 mi.
1175 ft. **Site 1 of 3 in cluster AG**

NY HIST UST **1000912118**
NY HIST AST **N/A**

Relative:
Lower

HIST UST:

Actual:
2 ft.

PBS Number: 2-392065
 SPDES Number: Not reported
 Emergency Contact: ROBERT S PEGUES
 Emergency Telephone: (212) 283-4686
 Operator: ROBERT S PEGUES
 Operator Telephone: (212) 283-4686
 Owner Name: NYS DIV MILITARY & NAVAL AFFAIRS
 Owner Address: 330 OLD NISKAYUNA RD
 Owner City,St,Zip: LATHAM, NY 12110
 Owner Telephone: (518) 786-4548
 Owner Type: State Government
 Owner Subtype: NYS Division of Military Naval Affairs
 Mailing Name: NYS DIV MILITARY & NAVAL AFFAIRS
 Mailing Address: 330 OLD NISKAYUNA RD
 Mailing Address 2: Not reported
 Mailing City,St,Zip: LATHAM, NY 12110
 Mailing Contact: Not reported
 Mailing Telephone: (518) 786-4548
 Owner Mark: First Owner
 Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
 Facility Addr2: 2366 5TH AVE
 SWIS ID: 6201
 Old PBS Number: Not reported
 Facility Type: OTHER
 Inspected Date: Not reported
 Inspector: Not reported
 Inspection Result: Not reported
 Federal ID: Not reported
 Certification Flag: False
 Certification Date: 11/03/1997
 Expiration Date: 06/18/2002
 Renew Flag: False
 Renewal Date: Not reported
 Total Capacity: 10000
 FAMT: True
 Facility Screen: No Missing Data
 Owner Screen: Minor Data Missing
 Tank Screen: Minor Data Missing
 Dead Letter: False
 CBS Number: Not reported
 Town or City: NEW YORK CITY
 County Code: 62
 Town or City: 01
 Region: 2
 Tank Id: 003
 Tank Location: UNDERGROUND
 Tank Status: Closed-Removed
 Install Date: Not reported
 Capacity (gals): 500

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1000912118

Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: None
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/01/1993
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 500
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Other
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/01/1993
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 500
Product Stored: DIESEL
Tank Type: Steel/carbon steel
Tank Internal: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1000912118

Tank External: Not reported
Pipe Location: Not reported
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: Not reported
Second Containment: None
Leak Detection: Other
Overfill Prot: Product Level Gauge
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: 10/01/1993
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

HIST AST:

PBS Number: 2-392065
SWIS Code: 6201
Operator: ROBERT S PEGUES
Facility Phone: (212) 283-4686
Facility Addr2: 2366 5TH AVE
Facility Type: OTHER
Emergency: ROBERT S PEGUES
Emergency Tel: (212) 283-4686
Old PBSNO: Not reported
Date Inspected: Not reported
Inspector: Not reported
Result of Inspection: Not reported
Owner Name: NYS DIV MILITARY & NAVAL AFFAIRS
Owner Address: 330 OLD NISKAYUNA RD
Owner City,St,Zip: LATHAM, NY 12110
Federal ID: Not reported
Owner Tel: (518) 786-4548
Owner Type: State Government
Owner Subtype: 14
Mailing Contact: Not reported
Mailing Name: NYS DIV MILITARY & NAVAL AFFAIRS
Mailing Address: 330 OLD NISKAYUNA RD
Mailing Address 2: Not reported
Mailing City,St,Zip: LATHAM, NY 12110
Mailing Telephone: (518) 786-4548
Owner Mark: First Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Certification Flag: False
Certification Date: 11/03/1997
Expiration: 06/18/2002
Renew Flag: False
Renew Date: Not reported
Total Capacity: 10000
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1000912118

Tank Screen: Minor Data Missing
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 62
Town or City Code: 01
Region: 2

Tank ID: 001
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 5000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: 01
Tank Containment: None
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
SPDES Number: Not reported
Lat/Long: Not reported

Tank ID: 002
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status: In Service
Install Date: Not reported
Capacity (Gal): 5000
Product Stored: NOS 1,2, OR 4 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: Not reported
Tank External: 01
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: Not reported
Pipe External: 01
Tank Containment: None
Leak Detection: 0
Overfill Protection: 4
Dispenser Method: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: Minor Data Missing
Date Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1000912118

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

AG150
West
1/8-1/4
0.223 mi.
1175 ft.

NYS ARMORY
5TH AVE
NEW YORK, NY 10037

Site 2 of 3 in cluster AG

RCRA-SQG **1004755825**
NY UST **NY0000452995**
NY AST
NJ MANIFEST
NY MANIFEST

Relative:
Lower

RCRA-SQG:

Date form received by agency: 01/01/2007
Facility name: NYS ARMORY
Facility address: 5TH AVE
NEW YORK, NY 100371028
EPA ID: NY0000452995
Mailing address: OLD NISKAYUNA RD
NYS DIV OF MILITARY & NAVAL AF
LATHAM, NY 121102224
Contact: HEIDI M GABEL
Contact address: OLD NISKAYUNA RD
LATHAM, NY 121102224
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 DIV MILITARY & NAVAL AFFAIRS
Owner/operator address: OLD NISKAYUNA RD
LATHAM, NY 12110
Owner/operator country: US
Owner/operator telephone: 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: NYS DIVISION OF MILITARY & NAVAL AFFAIRS
Owner/operator address: OLD NISKAYUNA RD
LATHAM, NY 12110
Owner/operator country: US
Owner/operator telephone: 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

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 WASTE

Violation Status: No violations found

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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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: On-Site 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
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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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: 03/04/2004

Equipment Records:

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

Tank Number: 004
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: 03/04/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Equipment Records:

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

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: 03/04/2004

Equipment Records:

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

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: Mail Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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: On-Site 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
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

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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

Tank Info:

Tank Number: 001
Tank Id: 9306
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

Tank Location: 3
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: 04/22/2015
Material Name: Not reported

Tank Number: 002
Tank Id: 9307
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
I04 - Overfill - Product Level Gauge (A/G)
B01 - Tank External Protection - Painted/Asphalt Coating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
F01 - Pipe External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None

Tank Location: 3
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: 04/22/2015
Material Name: Not reported

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
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: NJA5258792
EPA ID: NY0000452995
Date Shipped: 07/19/2005
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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: 60 P

Manifest Year: Not reported
Waste Code: D002
Hand Code: H141
Quantity: 10 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 Number: NJA5047486
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: 01/09/2004
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
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: 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

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: 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
Quantity: 5 P

Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 120 P

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

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: 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
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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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
Date Shipped: 01/13/2004
TSD 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 TSD Received Waste: 01/13/2004
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: 03220425
Was Load Rejected: NEW YORK 10037
Reason Load Was Rejected: Not reported

Manifest Number: NJA5047515
EPA ID: NY0000452995
Date Shipped: 01/15/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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
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

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
Date Trans5 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 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

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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: 2013
Trans1 State ID: NYD986938645
Trans2 State ID: Not reported
Generator Ship Date: 04/30/2013
Trans1 Recv Date: 04/30/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/02/2013
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
TSDF ID 1: NYD049836679
TSDF ID 2: Not reported
Manifest Tracking Number: 001928619GBF
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: H132
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: 120
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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Trans1 State ID: NY0001031814
Trans2 State ID: NJ0000027193
Generator Ship Date: 05/04/2010
Trans1 Recv Date: 05/04/2010
Trans2 Recv Date: 05/06/2010
TSD Site Recv Date: 05/12/2010
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
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 000308074JJK
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: 40.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D001
Waste Code 1_2: D002
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NY0001031814
Trans2 State ID: NJ0000027193
Generator Ship Date: 05/20/2010
Trans1 Recv Date: 05/20/2010
Trans2 Recv Date: 05/24/2010
TSD Site Recv Date: 06/01/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000452995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	006450387JJK
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:	10.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Waste Code:	D002
Waste Code 1_2:	Not reported
Waste Code 1_3:	D001
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2010
Trans1 State ID:	NY0001031814
Trans2 State ID:	NJ0000027193
Generator Ship Date:	05/20/2010
Trans1 Recv Date:	05/20/2010
Trans2 Recv Date:	05/24/2010
TSD Site Recv Date:	06/01/2010
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:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	006450387JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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: 400.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: Not reported
Waste Code 1_2: D001
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NY0001031814
Trans2 State ID: NJ0000027193
Generator Ship Date: 05/04/2010
Trans1 Recv Date: 05/04/2010
Trans2 Recv Date: 05/06/2010
TSD Site Recv Date: 05/12/2010
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
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 006450402JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 350.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: F005
Waste Code 1_2: Not reported
Waste Code 1_3: D001
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NY0001031814
Trans2 State ID: NJ0000027193
Generator Ship Date: 05/04/2010
Trans1 Recv Date: 05/04/2010
Trans2 Recv Date: 05/06/2010
TSD Site Recv Date: 05/12/2010
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: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 006450402JJK
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: 10.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Specific Gravity:	1.0
Waste Code:	Not reported
Waste Code 1_2:	D002
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2010
Trans1 State ID:	NY0001031814
Trans2 State ID:	NJ0000027193
Generator Ship Date:	05/04/2010
Trans1 Recv Date:	05/04/2010
Trans2 Recv Date:	05/06/2010
TSD Site Recv Date:	05/12/2010
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:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	006450402JJK
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:	150.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Waste Code:	Not reported
Waste Code 1_2:	D001
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported
Document ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NY0001031814
Trans2 State ID: NJ0000027193
Generator Ship Date: 05/04/2010
Trans1 Recv Date: 05/04/2010
Trans2 Recv Date: 05/06/2010
TSD Site Recv Date: 05/12/2010
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: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 006450402JJK
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: 60.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: Not reported
Waste Code 1_2: D001
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2010
Trans1 State ID: NY0001031814
Trans2 State ID: NJ0000027193
Generator Ship Date: 05/04/2010
Trans1 Recv Date: 05/04/2010
Trans2 Recv Date: 05/06/2010
TSD Site Recv Date: 05/12/2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	006450403JJK
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:	120.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Waste Code:	D001
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
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2010
Trans1 State ID:	NY0001031814
Trans2 State ID:	NJ0000027193
Generator Ship Date:	05/04/2010
Trans1 Recv Date:	05/04/2010
Trans2 Recv Date:	05/06/2010
TSD Site Recv Date:	05/12/2010
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:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	006450403JJK
Import Indicator:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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:	5.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Waste Code:	D007
Waste Code 1_2:	D008
Waste Code 1_3:	D006
Waste Code 1_4:	D011
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2010
Trans1 State ID:	NY0001031814
Trans2 State ID:	NJ0000027193
Generator Ship Date:	05/04/2010
Trans1 Recv Date:	05/04/2010
Trans2 Recv Date:	05/06/2010
TSD Site Recv Date:	05/12/2010
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
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	006450403JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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: 10.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: Not reported
Waste Code 1_2: D001
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: NJA5258792
Manifest Status: Not reported
seq: Not reported
Year: 2005
Trans1 State ID: NJ0000027193
Trans2 State ID: NY0001031814
Generator Ship Date: 07/19/2005
Trans1 Recv Date: 07/25/2005
Trans2 Recv Date: 07/25/2005
TSD Site Recv Date: 07/28/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000452995
Trans1 EPA ID: S5811
Trans2 EPA ID: 18860PANY
TSDF ID 1: NJD002200046
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: 00020
Units: P - Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00900
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: Not reported
Specific Gravity: 01.00
Waste Code: Not reported
Quantity: Not reported
Units: Not reported
Number of Containers: Not reported
Container Type: Not reported
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: Not reported

Document ID: NJA5009683
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: NY18860PA
Trans2 State ID: S5811
Generator Ship Date: 03/25/2004
Trans1 Recv Date: 03/25/2004
Trans2 Recv Date: 03/29/2004
TSD Site Recv Date: 03/31/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000452995
Trans1 EPA ID: NY0001031814
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Waste Code: Not reported
Quantity: 00800
Units: P - Pounds
Number of Containers: 002
Container Type: CF - Fiber or plastic boxes, cartons
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: NJA5047484
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: Not reported
Trans2 State ID: S06209
Generator Ship Date: 01/14/2004
Trans1 Recv Date: 01/14/2004
Trans2 Recv Date: 01/14/2004
TSD Site Recv Date: 01/14/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000452995
Trans1 EPA ID: PAD085690592
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291
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: 09560
Units: P - Pounds
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NJA5047485
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: Not reported
Trans2 State ID: S06209
Generator Ship Date: 01/12/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Trans1 Recv Date: 01/12/2004
Trans2 Recv Date: 01/12/2004
TSD Site Recv Date: 01/12/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000452995
Trans1 EPA ID: PAD085690592
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291
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: 10360
Units: P - Pounds
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NJA5047486
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: Not reported
Trans2 State ID: S06209
Generator Ship Date: 01/09/2004
Trans1 Recv Date: 01/09/2004
Trans2 Recv Date: 01/09/2004
TSD Site Recv Date: 01/09/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000452995
Trans1 EPA ID: PAD085690592
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

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: 13640
Units: P - Pounds
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NJA5047487
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: Not reported
Trans2 State ID: S06209
Generator Ship Date: 01/13/2004
Trans1 Recv Date: 01/13/2004
Trans2 Recv Date: 01/13/2004
TSD Site Recv Date: 01/13/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000452995
Trans1 EPA ID: PAD085690592
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291
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: 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: 06780
Units: P - Pounds

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NJA5047515
Manifest Status: Not reported
seq: Not reported
Year: 2004
Trans1 State ID: Not reported
Trans2 State ID: S06209
Generator Ship Date: 01/15/2004
Trans1 Recv Date: 01/15/2004
Trans2 Recv Date: 01/15/2004
TSD Site Recv Date: 01/15/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000452995
Trans1 EPA ID: PAD085690592
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291
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: 01840
Units: P - Pounds
Number of Containers: 001
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00

Document ID: NJA5047302
Manifest Status: Not reported
seq: 01
Year: 2003
Trans1 State ID: S06209
Trans2 State ID: S06209
Generator Ship Date: 12/02/2003
Trans1 Recv Date: 12/02/2003
Trans2 Recv Date: 12/02/2003
TSD Site Recv Date: 12/04/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS ARMORY (Continued)

1004755825

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NY0000452995
Trans1 EPA ID:	PAD085690592
Trans2 EPA ID:	PAD952661381
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:	00006
Units:	Y - Cubic yards* (.85 tons)
Number of Containers:	001
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Document ID:	NJA5047304
Manifest Status:	Not reported
seq:	01
Year:	2003
Trans1 State ID:	S06209
Trans2 State ID:	S06209
Generator Ship Date:	12/09/2003
Trans1 Recv Date:	12/09/2003
Trans2 Recv Date:	12/09/2003
TSD Site Recv Date:	12/09/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NY0000452995
Trans1 EPA ID:	PAD085690593
Trans2 EPA ID:	PAD952661381
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYS ARMORY (Continued)

1004755825

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: 25020
 Units: P - Pounds
 Number of Containers: 001
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access
 9 additional NY_MANIFEST: record(s) in the EDR Site Report.

AG151
West
1/8-1/4
0.223 mi.
1175 ft.

NEW YORK STATE ARMORY
2366 5TH AVE
NEW YORK, NY 10037
Site 3 of 3 in cluster AG

RCRA-SQG **1016455625**
FINDS **NYR000207282**
NY MANIFEST
ECHO

Relative:
Lower

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

Actual:
2 ft.

Owner/Operator Summary:

Owner/operator name: STATE ARMORY
 Owner/operator address: Not reported
 Not reported
 Owner/operator country: US
 Owner/operator telephone: Not reported
 Legal status: State
 Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE ARMORY (Continued)

1016455625

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
Legal status: State
Owner/Operator Type: Operator
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.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE ARMORY (Continued)

1016455625

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: 2014
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 03/19/2014
Trans1 Recv Date: 03/19/2014
Trans2 Recv Date: 03/25/2014
TSD Site Recv Date: 03/26/2014
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: NJD980536593
TSDF ID 2: Not reported
Manifest Tracking Number: 008758035JJK
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: 200
Units: P - Pounds
Number of Containers: 1
Container Type: DM - Metal drums, barrels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NEW YORK STATE ARMORY (Continued)

1016455625

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

ECHO:

Envid: 1016455625
Registry ID: 110058881250
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110058881250

**152
SE
1/8-1/4
0.223 mi.
1176 ft.**

**NYCDEP
141 & PARK AVE
BRONX, NY**

**NY MANIFEST 1009244182
N/A**

**Relative:
Lower**

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

**Actual:
19 ft.**

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: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYCDEP (Continued)

1009244182

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
TSD ID 1: NYD049178296
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: 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
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

AE153
North
1/8-1/4
0.223 mi.
1180 ft.

NYSDOT - CONTRACT D253704
ADJACENT TO 725 EXTERIOR ST
BRONX, NY 10451
Site 4 of 4 in cluster AE

RCRA NonGen / NLR 1000554209
NYD986966687

Relative:
Lower

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: NYSDOT - CONTRACT D253704
Facility address: ADJACENT TO 725 EXTERIOR ST
BENEATH RAMP A
BRONX, NY 10451
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

Actual:
5 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT - CONTRACT D253704 (Continued)

1000554209

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
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
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS DOT - CONTRACT D253704 (Continued)

1000554209

. 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

AH154
West
1/8-1/4
0.231 mi.
1221 ft.

CON EDISON
W 142ND ST & 5TH AVE
NEW YORK, NY 10037
Site 1 of 4 in cluster AH

RCRA-CESQG 1014396526
NYP004188389

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 07/29/2009
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
Not reported
Contact country: Not reported
Contact telephone: (718) 204-4297
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

Actual:
3 ft.

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)

1014396526

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

AH155
West
1/8-1/4
0.231 mi.
1221 ft.

CON EDISON
W 142ND ST & 5TH AVE
NEW YORK, NY 10037
Site 2 of 4 in cluster AH

RCRA-CESQG 1014395957
NYP004181376

Relative:
Lower

RCRA-CESQG:

Actual:
3 ft.

Date form received by agency: 06/25/2009
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: Not reported
Contact telephone: (917) 416-5423
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

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

1014395957

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

AI156
NNE
1/8-1/4
0.234 mi.
1233 ft.

580 GERARD AVENUE
580 GERARD AVENUE
BRONX, NY 10451
Site 1 of 3 in cluster AI

NY UST **U000418103**
N/A

Relative:
Higher

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

Actual:
25 ft.

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
 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

580 GERARD AVENUE (Continued)

U000418103

Site Id: 15804
Affiliation Type: On-Site 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
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

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
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel

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: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
C01 - Pipe Location - Aboveground

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

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: 03/04/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron

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

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

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

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

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
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: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron

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

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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping

Tank Number: 005
Tank ID: 37905
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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

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: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron

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: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

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
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

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

H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron

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

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

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

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping

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: 03/04/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
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
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

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: 03/04/2004

Equipment Records:

D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - 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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 011
Tank ID: 59424
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 02/01/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

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: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
H05 - Tank Leak Detection - In-Tank System (ATG)
B04 - Tank External Protection - Fiberglass
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)

Affiliation Records:

Site Id: 21056
Affiliation Type: Facility Owner
Company Name: NR PROPERTY 2 LLC
Contact Type: V.P.
Contact Name: GARY M. TISCHLER
Address1: 420 LEXINGTON AVENUE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10170-0002
Country Code: 001
Phone: (212) 293-8900
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-11-22

Site Id: 21056
Affiliation Type: Mail Contact
Company Name: C/O EMMES REALTY SERVICES LLC
Contact Type: Not reported
Contact Name: ANGIE HELMS
Address1: 420 LEXINGTON AVENUE
Address2: SUITE 900
City: NEW YORK
State: NY
Zip Code: 10170-0002
Country Code: 001
Phone: (212) 293-8826

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: KXTANG
Date Last Modified: 2005-11-22

Site Id: 21056
Affiliation Type: On-Site 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: NEW ROCK ASSET MANAGEMENT
Contact Type: Not reported
Contact Name: GARY WOLTZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 757-7759
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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel

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: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
C01 - Pipe Location - Aboveground

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

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: 03/04/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron

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

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

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

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

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
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: 03/04/2004

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron

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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping

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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

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: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External 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
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

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: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron

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: 03/04/2004

Equipment Records:

H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

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: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron

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

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
C00 - Pipe Location - No Piping

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: 03/04/2004

Equipment Records:

I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
B01 - Tank External Protection - Painted/Asphalt Coating
J02 - Dispenser - Suction Dispenser
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

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: 03/04/2004

Equipment Records:

D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - 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: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Number: 011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U000418103

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: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
H05 - Tank Leak Detection - In-Tank System (ATG)
B04 - Tank External Protection - Fiberglass
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)

AI157
NNE
1/8-1/4
0.234 mi.
1233 ft.

US POSTAL SERVICE - VMF
580 GERARD AVE
BRONX, NY 10451
Site 2 of 3 in cluster AI

RCRA NonGen / NLR 1000349048
NY5180010451

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: US POSTAL SERVICE - VMF
Facility address: 580 GERARD AVE
BRONX, NY 104515242

Actual:
25 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - VMF (Continued)

1000349048

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
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
Legal status: Federal
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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

US POSTAL SERVICE - VMF (Continued)

1000349048

. Waste name: IGNITABLE WASTE

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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

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

AI158
NNE
1/8-1/4
0.234 mi.
1233 ft.

580 GERARD AVENUE
580 GERARD AVENUE
BRONX, NY 10451

NY HIST UST U001840776
N/A

Site 3 of 3 in cluster AI

Relative:
Higher

HIST UST:

PBS Number: 2-476021
SPDES Number: Not reported
Emergency Contact: GARY WOLTZ
Emergency Telephone: (917) 757-7759
Operator: NA
Operator Telephone: (000) 000-0000
Owner Name: NEW ROCK ASSET MANAGEMENT
Owner Address: 420 LEXINGTON AVENUE
Owner City,St,Zip: NEW YORK, NY 01700-0002
Owner Telephone: (212) 949-5055
Owner Type: Corporate/Commercial
Owner Subtype: Not reported
Mailing Name: NEW ROCK ASSET MANAGEMENT
Mailing Address: 420 LEXINGTON AVENUE
Mailing Address 2: SUITE 900
Mailing City,St,Zip: NEW YORK, NY 10170-0002
Mailing Contact: PUL CALLAHAN
Mailing Telephone: (212) 949-5055
Owner Mark: Second Owner
Facility Status: 1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.

Actual:
25 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U001840776

Facility Addr2: 580 GERARD AVENUE
SWIS ID: 6001
Old PBS Number: Not reported
Facility Type: TRUCKING/TRANSPORTATION
Inspected Date: Not reported
Inspector: Not reported
Inspection Result: Not reported
Federal ID: Not reported
Certification Flag: False
Certification Date: 02/02/2001
Expiration Date: 01/31/2006
Renew Flag: False
Renewal Date: Not reported
Total Capacity: 2500
FAMT: True
Facility Screen: No Missing Data
Owner Screen: Minor Data Missing
Tank Screen: No Missing Data
Dead Letter: False
CBS Number: Not reported
Town or City: NEW YORK CITY
County Code: 60
Town or City: 01
Region: 2

Tank Id: 002
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 003
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U001840776

Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 004
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 005
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U001840776

Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 006
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 007
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U001840776

Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 008
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 009
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

580 GERARD AVENUE (Continued)

U001840776

Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

Tank Id: 010
Tank Location: UNDERGROUND
Tank Status: Closed-Removed
Install Date: Not reported
Capacity (gals): 550
Product Stored: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Underground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: None
Second Containment: None
Leak Detection: None
Overfill Prot: None
Dispenser: Suction
Date Tested: Not reported
Next Test Date: Not reported
Missing Data for Tank: No Missing Data
Date Closed: Not reported
Test Method: Not reported
Deleted: False
Updated: True
Lat/long: Not reported

AH159
West
1/8-1/4
0.236 mi.
1244 ft.

NYSDOT BIN 1077020
W 142ND ST PEDESTRIAN BRIDGE
NEW YORK, NY 10037

RCRA-LQG 1007371334
NY MANIFEST NYR000123935
NJ MANIFEST

Site 3 of 4 in cluster AH

Relative:
Lower

RCRA-LQG:

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

Actual:
3 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS DOT BIN 1077020 (Continued)

1007371334

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 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
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 03/18/2004
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
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 NYS DOT REGION 11
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Operator
Owner/Op start date: 04/01/1967
Owner/Op end date: Not reported

Owner/operator name: STATE OF NY C/O NYS DOT COMMISSIONER
Owner/operator address: WOLF RD
ALBANY, NY 12232
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 04/01/1967

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BIN 1077020 (Continued)

1007371334

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: 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

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:

EPAID: NYR000123935
Mailing Name: NYSDOT
Mailing Contact: N/S

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYSDOT BIN 1077020 (Continued)

1007371334

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
TSDF ID 1: NJD991291105
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: 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

NJ MANIFEST:

EPA Id: NYR000123935
Mail Address: 25-26 50TH ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYS DOT BIN 1077020 (Continued)

1007371334

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
TSDf Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

AH160 **CON EDISON**
West **2 W 142 ST**
1/8-1/4 **NEW YORK, NY 10030**
0.236 mi.
1244 ft. **Site 4 of 4 in cluster AH**

NY MANIFEST **S117740743**
N/A

Relative:
Lower

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

Actual:
3 ft.

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
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117740743

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

Document ID: Not reported
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
TSD ID 1: NJD002200046
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117740743

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

Document ID: Not reported
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
TSD ID 1: NJD002200046
TSD 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117740743

Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

161
West
1/8-1/4
0.247 mi.
1302 ft.

CONSOLIDATED EDISON OF NY
17 WEST 143 STREET
NEW YORK, NY 10037

NY MANIFEST S112140613
N/A

Relative:
Lower

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

Actual:
4 ft.

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON OF NY (Continued)

S112140613

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: 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

162
East
1/8-1/4
0.248 mi.
1307 ft.

**CON EDISON
2824 PARK AVE
BRONX, NY 10451**

**NY MANIFEST S118258639
N/A**

**Relative:
Lower**

NY MANIFEST:
Country: USA
EPA ID: NYP004818862
Facility Status: Not reported
Location Address 1: 2824 PARK AVE
Code: BP
Location Address 2: SB 20734
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

**Actual:
19 ft.**

NY MANIFEST:
EPAID: NYP004818862
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118258639

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: Not reported
Generator Ship Date: 08/05/2015
Trans1 Recv Date: 08/05/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/07/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004818862
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002661236GBF
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: 200
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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD003812047

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118258639

Trans2 State ID: Not reported
Generator Ship Date: 08/05/2015
Trans1 Recv Date: 08/05/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/07/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004818862
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002661236GBF
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: 200
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

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: 08/05/2015
Trans1 Recv Date: 08/05/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/07/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004818862
Trans1 EPA ID: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S118258639

Trans2 EPA ID: Not reported
 TSD ID 1: NJD991291105
 TSD ID 2: Not reported
 Manifest Tracking Number: 002661236GBF
 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: 200
 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

163
 NNE
 1/8-1/4
 0.248 mi.
 1308 ft.

**CON EDISON
 624 WALTON AVE
 BRONX, NY 10451**

**NY MANIFEST S118090343
 N/A**

**Relative:
 Higher**

NY MANIFEST:
 Country: USA
 EPA ID: NYP004779658
 Facility Status: Not reported
 Location Address 1: 624 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

**Actual:
 38 ft.**

NY MANIFEST:
 EPAID: NYP004779658
 Mailing Name: CON EDISON
 Mailing Contact: DENNIS HUACON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118090343

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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/06/2015
Trans1 Recv Date: 05/06/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/07/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004779658
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 014085226JJK
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: 5000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118090343

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/06/2015
Trans1 Recv Date: 05/06/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/07/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004779658
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 014085226JJK
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: 5000
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

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 05/06/2015
Trans1 Recv Date: 05/06/2015
Trans2 Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118090343

TSD Site Recv Date: 05/07/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004779658
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 014085226JJK
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: 5000
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

AJ164
WSW
1/4-1/2
0.251 mi.
1325 ft.

2350 FIFTH AVENUE
2350 FIFTH AVENUE
NEW YORK, NY 10037
Site 1 of 2 in cluster AJ

NY VCP S113922113
N/A

Relative:
Lower

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

Actual:
5 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE (Continued)

S113922113

Site Description: See site no. 231004.
Env Problem: Not reported
Health Problem: Not reported

AJ165 2350 FIFTH AVENUE CORP
WSW 2350 5TH AVE
1/4-1/2 NEW YORK, NY 10037
0.251 mi.
1325 ft. Site 2 of 2 in cluster AJ

RCRA-CESQG 1000108749
NY SHWS NYD071026173
NY VAPOR REOPENED
NY ENG CONTROLS
NY INST CONTROL
FINDS
NY MANIFEST
ECHO

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 100371101
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:
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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Owner/operator address: 2350 5TH AVE
NEW YORK, NY 10037
Owner/operator country: US
Owner/operator telephone: (212) 234-5000
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: 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
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 SOLVENTS LISTED IN F001, F004, AND 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

2350 FIFTH AVENUE CORP (Continued)

1000108749

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: 08/13/1990
Evaluation: NON-FINANCIAL RECORD REVIEW
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

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

Classification: Site is properly closed - requires continued management.
Region: 2
Acres: 1.543
HW Code: 231004
Record Add: 11/18/1999
Record Upd: 02/16/2016
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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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: 11/18/1999 12:00:00 PM
Record Upd: 9/20/2013 11:18:00 AM
Updated By: Idennist
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: 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: 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: 12/26/2014 3:22:00 PM
Record Updated: 12/26/2014 3:22:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-11-04
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/19/2014 10:15:00 AM
Record Updated: 9/19/2014 10:15:00 AM
Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/19/2014 10:15:00 AM
Record Updated: 9/19/2014 10:15:00 AM
Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/1/2010 2:39:00 PM
Record Updated: 12/1/2010 2:40:00 PM

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: w2-0792-97-05
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 12/1/2010 2:42:00 PM
Record Updated: 12/1/2010 2:42:00 PM
Updated By: YYWONG
Crossref ID: 07/03/1997
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/1/2010 2:43:00 PM
Record Updated: 12/1/2010 2:43:00 PM
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/1/2010 2:42:00 PM
Record Updated: 12/1/2010 2:42:00 PM
Updated By: YYWONG

VAPOR REOPENED:

Site Code: 231004
Facility Status: Complete (Mitigate)

ENG CONTROLS:

Site Code: 57691
HW Code: 231004
Control Code: 15
Control Type: ENG
Date Record Added: 11/04/2014
Date Rec Updated: 05/02/2016
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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors 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

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

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 installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Site Code: 57691
HW Code: 231004
Control Code: 13
Control Type: ENG
Date Record Added: 11/04/2014
Date Rec Updated: 05/02/2016
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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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.

Site Code: 57691
HW Code: 231004
Control Code: 35
Control Type: ENG
Date Record Added: 11/04/2014
Date Rec Updated: 05/02/2016
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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors yard. The existing

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

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 indoor air of buildings, is referred to as soil vapor intrusion.

2350 FIFTH AVENUE CORP (Continued)

1000108749

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.

INST CONTROL:

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: 05/02/2016
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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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.

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: 05/02/2016

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors 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

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

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.

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: 05/02/2016

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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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.

Site Code: 57691
Control Name: O&M Plan
HW Code: 231004
Control Code: 33

2350 FIFTH AVENUE CORP (Continued)

1000108749

Control Type: INST

Dt record added: 11/04/2014

Dt rec updated: 05/02/2016

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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

- 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.

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: 05/02/2016
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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors yard. The existing

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

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 indoor air of buildings, is referred to as soil vapor intrusion.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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.

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: 05/02/2016

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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors 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

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

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.

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: 05/02/2016
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors 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 used 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

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

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.

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: 05/02/2016
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. A Charter School is planning to occupy portion of the site after Department issue Certification of completion. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. 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 contractors 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

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

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.

FINDS:

Registry ID: 110000808074

Environmental Interest/Information System

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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

NY MANIFEST:

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 LAUNDRY & DRY CLNG CORP
Mailing Contact: 2350 LAUNDRY & DRY CLEANING CORPORATION
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: 2128625517

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2009
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 08/07/2009
Trans1 Recv Date: 08/07/2009
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/07/2009
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
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 000958811GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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: 110.0
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 2.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: F002
Waste Code 1_2: D039
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2008
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 11/13/2008
Trans1 Recv Date: 11/13/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/13/2008
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: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 003536717JJK
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

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
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300.0
Units:	P - Pounds
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1.0
Waste Code:	F002
Waste Code 1_2:	D039
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported
Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2008
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	09/16/2008
Trans1 Recv Date:	09/16/2008
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/16/2008
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:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	003536584JJK
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:	110.0
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2.0
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Specific Gravity: 1.0
Waste Code: F003
Waste Code 1_2: F005
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

Document ID: NYG3262095
Manifest Status: Not reported
seq: 01
Year: 2003
Trans1 State ID: 0440320ME
Trans2 State ID: Not reported
Generator Ship Date: 04/28/2003
Trans1 Recv Date: 04/28/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/06/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSD ID 1: NYD049836679
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: D039 - TETRACHLOROETHYLENE 0.73 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00600
Units: P - Pounds
Number of Containers: 005
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

Document ID: MIA4894778
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: S7107
Trans2 State ID: Not reported
Generator Ship Date: 06/18/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Trans1 Recv Date: 06/18/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 07/09/1997
Part A Recv Date: / /
Part B Recv Date: 08/06/1997
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSD ID 1: MID000724831
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: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: MIA4894779
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: S7107
Trans2 State ID: Not reported
Generator Ship Date: 06/18/1997
Trans1 Recv Date: 06/18/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 07/07/1997
Part A Recv Date: / /
Part B Recv Date: 08/06/1997
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSD ID 1: MID000724831
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: MIA4894780
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 06/18/1997
Trans1 Recv Date: 06/18/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 07/09/1997
Part A Recv Date: / /
Part B Recv Date: 08/06/1997
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSD ID 1: MID000724831
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: 00030
Units: Y - Cubic yards* (.85 tons)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: MIA4894781
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: S7107
Trans2 State ID: Not reported
Generator Ship Date: 06/18/1997
Trans1 Recv Date: 06/18/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 07/09/1997
Part A Recv Date: / /
Part B Recv Date: 08/06/1997
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSD ID 1: MID000724831
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: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: MIA4894782
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: S7107
Trans2 State ID: Not reported
Generator Ship Date: 06/18/1997
Trans1 Recv Date: 06/18/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 07/09/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Part A Recv Date: / /
Part B Recv Date: 08/06/1997
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSD ID 1: MID000724831
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: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: MIA4894783
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: S7107
Trans2 State ID: Not reported
Generator Ship Date: 06/20/1997
Trans1 Recv Date: 06/20/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 07/11/1997
Part A Recv Date: / /
Part B Recv Date: 08/06/1997
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSD ID 1: MID000724831
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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
Waste Code: Not reported
Quantity: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: MIA4894784
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: S7107
Trans2 State ID: Not reported
Generator Ship Date: 06/20/1997
Trans1 Recv Date: 06/20/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 07/07/1997
Part A Recv Date: / /
Part B Recv Date: 08/06/1997
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSD ID 1: MID000724831
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: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Specific Gravity: 100

Document ID: MIA4894789
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: S7107
Trans2 State ID: Not reported
Generator Ship Date: 06/18/1997
Trans1 Recv Date: 06/18/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 07/09/1997
Part A Recv Date: / /
Part B Recv Date: 08/06/1997
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSD ID 1: MID000724831
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: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: MIA4894777
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: S7107
Trans2 State ID: Not reported
Generator Ship Date: 06/16/1997
Trans1 Recv Date: 06/17/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 06/18/1997
Part A Recv Date: / /
Part B Recv Date: 07/25/1997
Generator EPA ID: NYD071026173

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSDF ID 1: MID000724831
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: 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: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: MIA4894785
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: Not reported
Trans2 State ID: Not reported
Generator Ship Date: 06/20/1997
Trans1 Recv Date: 06/20/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 07/11/1997
Part A Recv Date: / /
Part B Recv Date: 08/06/1997
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSDF ID 1: MID000724831
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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
Waste Code: Not reported
Quantity: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: MIA4894774
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: S7107
Trans2 State ID: Not reported
Generator Ship Date: 06/17/1997
Trans1 Recv Date: 06/17/1997
Trans2 Recv Date: 06/29/1997
TSD Site Recv Date: 06/30/1997
Part A Recv Date: / /
Part B Recv Date: 07/22/1997
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSDF ID 1: MID000724831
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: 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
Waste Code: Not reported
Quantity: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: MIA4894775

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: 57107
Trans2 State ID: Not reported
Generator Ship Date: 06/17/1997
Trans1 Recv Date: 06/17/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 06/30/1997
Part A Recv Date: / /
Part B Recv Date: 07/22/1997
Generator EPA ID: NYD071026173
Trans1 EPA ID: NJD000692061
Trans2 EPA ID: Not reported
TSD ID 1: MID000724831
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: 00030
Units: Y - Cubic yards* (.85 tons)
Number of Containers: 001
Container Type: CM - Metal boxes, cases, roll-offs
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100

Document ID: NJA2226577
Manifest Status: C
seq: Not reported
Year: 1996
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 01/03/1996
Trans1 Recv Date: 01/03/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 01/03/1996
Part A Recv Date: 01/19/1996
Part B Recv Date: 01/19/1996
Generator EPA ID: NYD071026173
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NJD000768093

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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: 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: 00009
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA2235343
Manifest Status: C
seq: Not reported
Year: 1996
Trans1 State ID: 08690
Trans2 State ID: Not reported
Generator Ship Date: 01/30/1996
Trans1 Recv Date: 01/30/1996
Trans2 Recv Date: / /
TSD Site Recv Date: 01/30/1996
Part A Recv Date: / /
Part B Recv Date: 02/09/1996
Generator EPA ID: NYD071026173
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NJD000768093
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: D001 - NON-LISTED IGNITABLE WASTES
Waste Code: Not reported

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
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00008
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100

Document ID: NJA2168411
Manifest Status: C
seq: Not reported
Year: 1995
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 05/31/1995
Trans1 Recv Date: 05/31/1995
Trans2 Recv Date: / /
TSD Site Recv Date: 05/31/1995
Part A Recv Date: 06/08/1995
Part B Recv Date: 06/12/1995
Generator EPA ID: NYD071026173
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSDF ID 1: NJD000768093
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: 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: 00780
Units: P - Pounds
Number of Containers: 013
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100

Document ID: NJA2152619
Manifest Status: C
seq: Not reported
Year: 1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Trans1 State ID: S8690
Trans2 State ID: Not reported
Generator Ship Date: 10/26/1995
Trans1 Recv Date: 10/26/1995
Trans2 Recv Date: / /
TSD Site Recv Date: 10/26/1995
Part A Recv Date: 11/06/1995
Part B Recv Date: 11/08/1995
Generator EPA ID: NYD071026173
Trans1 EPA ID: ILD984908202
Trans2 EPA ID: Not reported
TSD ID 1: NJD000768093
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: 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: 100
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: 00360
Units: P - Pounds
Number of Containers: 006
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
302 additional NY_MANIFEST: record(s) in the EDR Site Report.

ECHO:

Envid: 1000108749
Registry ID: 110000808074
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110000808074

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

166
SE
1/4-1/2
0.261 mi.
1377 ft.

381 CANAL PLACE
381 CANAL PLACE
BRONX, NY 10451

NY LTANKS S103941473
NY Spills N/A
NY MANIFEST

Relative:
Lower

LTANKS:

Actual:
19 ft.

Site ID: 145737
Spill Number/Closed Date: 8709462 / 1995-03-21
Spill Date: 1988-02-02
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)
Cleanup Ceased: 1992-09-30
Cleanup Meets Standard: True
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
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 City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 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."

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

381 CANAL PLACE (Continued)

S103941473

Tank Test:

Site ID: 145737
Spill Tank Test: 1533196
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

Site ID: 145738
Spill Number/Closed Date: 9903367 / 2015-05-15
Spill Date: 1999-06-23
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported

Cleanup Meets Standard: False

SWIS: 0301

Investigator: VXBREVD0

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

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 City,St,Zip: BRONX, NY

Spiller County: 001

Spiller Contact: GINA CONSTANTINI

Spiller Phone: (516) 249-3150

Spiller Extention: Not reported

DEC Region: 2

DER Facility ID: 372139

DEC Memo: "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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

381 CANAL PLACE (Continued)

S103941473

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 ttf 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
ttf 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 (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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

381 CANAL PLACE (Continued)

S103941473

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. 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

381 CANAL PLACE (Continued)

S103941473

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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

381 CANAL PLACE (Continued)

S103941473

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. Michelle 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 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

381 CANAL PLACE (Continued)

S103941473

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"

Material:

Tank Test:

Site ID: 145738
Spill Tank Test: 1547299
Tank Number: Not reported
Tank Size: 2000
Test Method: 20
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: USTest 2000/P/LL plus USTest 2000/U

SPILLS:

Facility ID: 0306424
Facility Type: ER
DER Facility ID: 16558
Site ID: 78703
DEC Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

381 CANAL PLACE (Continued)

S103941473

Spill Date: 2003-09-17
Spill Number/Closed Date: 0306424 / 2003-10-23
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: CESA WYER
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 City,St,Zip: SOUTH BRONX, ZZ
Spiller Company: 001
Contact Name: AARON MULLER
Contact Phone: (718) 387-0980
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"

Material:
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
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

NY MANIFEST:
Country: USA
EPA ID: NYP004549515

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

381 CANAL PLACE (Continued)

S103941473

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
TSD ID 1: NJD991291105
TSD 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
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

381 CANAL PLACE (Continued)

S103941473

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

AK167
South
1/4-1/2
0.277 mi.
1463 ft.

GRAND CONCOUR/CARROLL PL.
118 GRAND CONCOURSE
BRONX, NY
Site 1 of 2 in cluster AK

NY LTANKS S100494202
N/A

Relative:
Higher

LTANKS:

Actual:
26 ft.

Site ID: 255100
 Spill Number/Closed Date: 9208519 / 2003-03-20
 Spill Date: 1992-10-22
 Spill Cause: Tank Failure
 Spill Source: Commercial/Industrial
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 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
 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 City,St,Zip: ***Update***, ZZ
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 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 &

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND CONCOUR/CARROLL PL. (Continued)

S100494202

DISPOSE- NEW ADDRESS:118 GRAND CONCOURSE,BRONX,10456"

Material:

Site ID: 255100
Operable Unit ID: 972057
Operable Unit: 01
Material ID: 405611
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

AK168
South
1/4-1/2
0.279 mi.
1471 ft.

GASETERIA
115 EAST 138TH STREET
BRONX, NY

NY LTANKS **S105997104**
NY Spills **N/A**

Site 2 of 2 in cluster AK

Relative:
Lower

LTANKS:

Site ID: 97236
Spill Number/Closed Date: 0207682 / 2013-08-06
Spill Date: 2002-10-24
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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 City,St,Zip: TOWSON, MD 21204-001
Spiller County: 001
Spiller Contact: JEFF BEAUDETTE
Spiller Phone: (800) 666-2605
Spiller Extention: Not reported

Actual:
19 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASETERIA (Continued)

S105997104

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 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 soughwest 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 napthalene. 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, ethlybenzene 435, MTBE 11000 MW2 - benzene 168, ethlybenzene 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 xyelens, 89 ppb toluene. Excavated soil was reused as backfill. Recommends preparation of a Subsurface Investigation Work Plan to investigate and delineate the detected contaminates. UST Closure Report Addendum, submitted by AGS, 12/03. Letter report documents collection of seven samples below former seven despensers and collection of 5 samples at various pipin glocations. 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASETERIA (Continued)

S105997104

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 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 - Obligado - 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 recommends monitoring for 2 more quarters. I approved the report but required monitoring for 4 quarters at minimum. 5/20/08 - Obligado - Review 1Q08 monitoring 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 the USTs 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 exceedences. 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"

Material:

Site ID:

97236

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASETERIA (Continued)

S105997104

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 97236
Spill Tank Test: 1527614
Tank Number: 1-4
Tank Size: 4000
Test Method: 14
Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified: Not reported
Test Method: VacuTest

SPILLS:

Facility ID: 9408104
Facility Type: ER
DER Facility ID: 158352
Site ID: 189745
DEC Region: 2
Spill Date: 1994-09-14
Spill Number/Closed Date: 9408104 / 2003-10-28
Spill Cause: Other
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 0301
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GASETERIA (Continued)

S105997104

Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: 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)"
Material:
Site ID: 189745
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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

169
NE
1/4-1/2
0.288 mi.
1520 ft.

CARMEL HAYS HIGH SCHOOL
650 GRAND CONCOURSE
BRONX, NY

NY LTANKS S103239085
N/A

Relative:
Higher

LTANKS:
Site ID: 142990
Spill Number/Closed Date: 9801301 / 2003-03-03
Spill Date: 1998-04-29
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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

Actual:
38 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CARMEL HAYS HIGH SCHOOL (Continued)

S103239085

Spiller City,St,Zip: BRONX, NY
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"

Material:

Site ID: 142990
Operable Unit ID: 1061946
Operable Unit: 01
Material ID: 323236
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 15.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

170
WSW
1/4-1/2
0.298 mi.
1576 ft.

**RESIDENTIAL
2300 5TH AVE
NEW YORK, NY**

**NY LTANKS S117395116
N/A**

**Relative:
Lower**

LTANKS:
Site ID: 502569
Spill Number/Closed Date: 1408973 / 2015-02-20
Spill Date: 2014-12-04
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2014-12-04

**Actual:
8 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RESIDENTIAL (Continued)

S117395116

Spill Record Last Update: 2015-02-20
Spiller Name: CHRIS STEELE
Spiller Company: UNKNOWN
Spiller Address: 2300 5TH AVE
Spiller City,St,Zip: NEW YORK, NY
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 #"

Material:
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
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

171
SSE
1/4-1/2
0.299 mi.
1580 ft.

**ECOLOGY RECYCLING PLANT
321 CANAL PLACE
BRONX, NY 10451**

**NY SWRCY S105842268
N/A**

**Relative:
Lower**

SWRCY:
Region: 2
Facility Address 2: Not reported
Phone Number: 2126650770
Owner Type: Not reported

**Actual:
18 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ECOLOGY RECYCLING PLANT (Continued)

S105842268

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: RHRF - registration
Activity Number: [03M27]
Active: No
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: Not reported
Permit #: 2-6004-00040
Auth. Date: Not reported
Expiration Date: Not reported
Waste Types: Not reported

172
SSW
1/4-1/2
0.319 mi.
1685 ft.

**EXXONMOBIL
70 MAJOR DEEGAN NORTH
BRONX, NY**

**NY LTANKS S106703552
N/A**

**Relative:
Lower**

LTANKS:

Site ID: 115391
Spill Number/Closed Date: 8909669 / Not Reported
Spill Date: 1990-01-08
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
UST Involvement: True
Remediation Phase: 4
Date Entered In Computer: 1990-01-23
Spill Record Last Update: 2016-04-04
Spiller Name: JOANNE WALLACH
Spiller Company: EXXONMOBIL OIL CORP
Spiller Address: 3225 GALLOWS RD
Spiller City,St,Zip: FAIRFAX, VA 22037-001
Spiller County: 001

**Actual:
7 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXONMOBIL (Continued)

S106703552

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. This spill site clenup has been consolidated under Spill No. 8909669. 07/12/04 BTEX at 14,200 ppb in MW10 4/2004 gw sample. MW10 on downgradient edge of 17-K7E (southbound side) Rommel 12/28/04 Spill 0407648 at 70 Major Deegan closed and referenced to 8909669. BTEX 5784 ppb at MW10 10/04 gw sample Rommel 3/20/07 - Haggerty - Assumed management of site. Previously unassigned 3/27/07 - Haggerty - Approved Subsurface Investigation Work Plan 7/10/07 - Haggerty - On-site for drilling of new MW locations from work plan. Site consists of shallow bedrock, boulders, and compact soils making pre-clearing different. Auger met refusal throughout the site at varying depths (10-20fbg). 11/15/07 - Haggerty - reviewed Subsurface Investigation Report (SIR). Groundwater depth varying throughout site (10-18fbg). Some wells dry or too little water present to sample. Supplemental Subsurface Investigation Work Plan proposed along with SIR to explain the lack of groundwater at certain locations. Groundwater thought to be in fractured bedrock. 11/20/07 - Haggerty - approved SSIWP. Bedrock MWs and soil borings around current dispenser islands and tank fields proposed. 12/28/07 - Haggerty - spoke with Shan Zuidema from Kleinfelder, Hyrdogeologist for site. Apparently, true bedrock depths deeper than previously believed. During the original Subsurface Investigation, augers met refusal due to a semi-competent layer which wasn't true bedrock. In this supplemental investigation, air rotary was used to pass this layer and they were then able to switch back Hollow-stem auger and collect split spoons discovering deeper contaminated soil. 04/17/08 - Haggerty - reviewed SSIR dated 4/8/08. SSI consisted of 15 borings and the removal of 3 wells to advance further into the subsurface in those locations (MW-5, MW-6, MW-7). MW-5 and MW-6 were converted to monitoring well clusters (shallow and deep). Soil screening was performed at all boring locations. SB-13 revealed high level of BTEX contamination from ~5fbg to the terminal depth of the boring (11.5ft). A Proposed Investigation Activities section was included in the SSIR to further investigate soil contamination near SB-13 as well as to install 2 Injection Points for an upcoming pilot test. Injection of Certified potable water into Injection Points will be monitored via the surrounding MW network to ensure hydraulic inter-connectivity. I approved this additional work. 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 wether this site is suitable for this technology. Certain parameters indicate this technology will work. 3/30/09 - Haggerty: review Feasibility Investigation Report for the RegenOx injection Pilot test. Pilot test shows favorable results. ExxonMobil proposed an Exposure Assessment in an attempt to close out the spill. 4/17/09 - Haggerty: sent comment email to Scott Bushroe from ExxonMobil 1. Figure 8 (Groundwater Hydrocarbon Distribution Map for 7/25/08 and 8/21/08) must be revised and resubmitted. The BTEX and MTBE concentrations are transposed. 2. The results from the soil investigation surrounding SB-13 demonstrate the contamination is localized. Also, the

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXONMOBIL (Continued)

S106703552

contamination does not appear to be impacting downgradient groundwater. At this time, no further action is required concerning the soil contamination encountered in SB-13. 3. Results from the Feasibility Investigation are encouraging although at this time BTEX concentrations remain elevated. I propose waiting for the next round quarterly groundwater data to confirm the decrease in concentrations and at that time scheduling another round of RegenOx injection as your remedy. 4. An Exposure Assessment is not warranted at this time. Based on the groundwater data, additional injections are required. ExxonMobil opted not to remove the tanks, lines, dispensers, and over-excavate and therefore, the remaining contamination is ExxonMobil's responsibility and not that of the new operator. 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 Scott Owens for Consent Order. Mobil proposed submitting the RAP by 12/31/09 which would give Mobil over 7 months since the Dept required them to perform full-scale injection as their remedy. 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. Exxon had previously proposed submitting the RAP by 12/31/09 (which would be 7 months after the Dept. required the RAP) which Dept. had previously informed Exxon that was unacceptable. In addition, ExxonMobil legal states that they will not sign a Consent Order without an approved RAP and CAP. This is also unacceptable to the Dept. Therefore, the Dept. will issue a PIN to complete the remediation. 11/3/09 - Haggerty: PIN 05118 issued. Envirotrac will be our consultant. The Scope of Work was attached to the signed call out. January 2010 - Dept. executed 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 finally received 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. July 2010 - no change August 2012 - received permission to conduct one round of GW sampling December 2012 - reviewed groundwater sampling report and VOC concentrations have decreased. May 2013 - At this time, any additional work must be postponed do to insufficient Spill Fund money. April 2016 - Haggerty: Spill closure waiting on RP to settle with the Department's Spill fund"

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."

Material:

Site ID: 115391
Operable Unit ID: 936780
Operable Unit: 01
Material ID: 442824

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXONMOBIL (Continued)

S106703552

Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 115391
Spill Tank Test: 1536649
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

Site ID: 269967
Spill Number/Closed Date: 9103104 / 1993-08-02
Spill Date: 1991-06-18
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1993-08-02
Cleanup Meets Standard: False
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
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 City,St,Zip: FAIRFAX, VA 22037-
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXONMOBIL (Continued)

S106703552

EXCAVATE,ISOLATE & RETEST."

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 269967
Spill Tank Test: 1538681
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

173
SSE
1/4-1/2
0.323 mi.
1706 ft.

**2568 PARK
2568 PARK AVENUE
BRONX, NY 10451**

**NY SHWS S113916757
N/A**

Relative:
Lower

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

Actual:
18 ft.

Site Description: Part of Port Morris Zone 1 BOA.DEC #BOA00032DOS #10BOA002Site
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

2568 PARK (Continued)

S113916757

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

174
 SW
 1/4-1/2
 0.342 mi.
 1806 ft.

**ATLANTIC FUELS INC/BX
 939 EAST 138TH STREET
 NEW YORK CITY, NY**

**NY LTANKS S100142585
 NY Spills N/A**

**Relative:
 Lower**

LTANKS:
 Site ID: 292032
 Spill Number/Closed Date: 8807543 / 1988-12-15
 Spill Date: 1988-12-13
 Spill Cause: Tank Failure
 Spill Source: Commercial/Industrial
 Spill Class: Not reported
 Cleanup Ceased: 1988-12-15
 Cleanup Meets Standard: True
 SWIS: 0301
 Investigator: TOMASELLO
 Referred To: Not reported
 Reported to Dept: 1988-12-13
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Responsible Party
 Last Inspection: Not reported
 Recommended Penalty: False

**Actual:
 9 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATLANTIC FUELS INC/BX (Continued)

S100142585

UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1989-01-11
Spill Record Last Update: 1989-03-08
Spiller Name: Not reported
Spiller Company: ATLANTIC FUEL
Spiller Address: 939 EAST 138TH STREET
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 276410
DEC Memo: ""
Remarks: "SPILL IN DIKED WALLS, IN PROCESS OF EXCAVATING TANK & ADDING WATER, WILL HAVE VAC TRUCK CLEAN UP SPILL."

Material:

Site ID: 292032
Operable Unit ID: 923013
Operable Unit: 01
Material ID: 455873
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 300.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 292034
Spill Number/Closed Date: 8910126 / 1990-05-10
Spill Date: 1990-01-22
Spill Cause: Tank Failure
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Class: Not reported
Cleanup Ceased: 1990-05-10
Cleanup Meets Standard: True
SWIS: 0301
Investigator: SULLIVAN
Referred To: Not reported
Reported to Dept: 1990-01-23
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1990-01-25

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATLANTIC FUELS INC/BX (Continued)

S100142585

Spill Record Last Update: 1990-05-11
Spiller Name: Not reported
Spiller Company: CASTLE PORT MORRIS TERM
Spiller Address: 939 EAST 138TH STREET
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 276410
DEC Memo: ""
Remarks: "67000 BARRELS (TANK SIZE), TANK LEAK CAUSED BY SUSPECTED CORROSION, FUEL BEING CONTAINED BY STEEL DIKE WITH DIRT FLOOR, TANK BEING PUMPED,NEW BOTTOM BEING PUT IN, LEAK FROM SMALL PIN HOLE."

Material:

Site ID: 292034
Operable Unit ID: 935218
Operable Unit: 01
Material ID: 443247
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 200.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:

Facility ID: 8902626
Facility Type: ER
DER Facility ID: 276410
Site ID: 292033
DEC Region: 2
Spill Date: 1989-06-13
Spill Number/Closed Date: 8902626 / 1989-06-13
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 0301
Investigator: FINGER
Referred To: Not reported
Reported to Dept: 1989-06-13
CID: Not reported
Water Affected: EAST RIVER
Spill Source: Unknown
Spill Notifier: Federal Government
Cleanup Ceased: 1989-06-13
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATLANTIC FUELS INC/BX (Continued)

S100142585

UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1989-06-22
Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: ""
Remarks: "SHEEN ON WATER, USCG TEAM SENT OUT, DETERMINED NOT FEASIBLE FOR CLEAN UP, NO ACTION REQUIRED BY DEC."

Material:

Site ID: 292033
Operable Unit ID: 930084
Operable Unit: 01
Material ID: 450322
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 8804624
Facility Type: ER
DER Facility ID: 276410
Site ID: 292031
DEC Region: 2
Spill Date: 1988-08-26
Spill Number/Closed Date: 8804624 / 1988-08-26
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 0301
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1988-08-26
CID: Not reported
Water Affected: EAST RIVER
Spill Source: Vessel
Spill Notifier: Affected Persons
Cleanup Ceased: 1988-08-26
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1988-08-30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ATLANTIC FUELS INC/BX (Continued)

S100142585

Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: ECLOFF TRANSPORTER
Spiller Address: BARGE #E25
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: ""
Remarks: "5 GALLONS WENT INTO WATER, OCCURRED DURING #6 FUEL OIL TRANFER, SPILLAGE CAME OUT OF VENT, DEPLOYED BOOM & SORBENT."

Material:

Site ID: 292031
Operable Unit ID: 919737
Operable Unit: 01
Material ID: 554754
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 10.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

175
WSW
1/4-1/2
0.350 mi.
1849 ft.

APT. BLDG 15 W. 139TH ST
APT. BLDG 15 W. 139TH ST.
MANHATTAN, NY

NY LTANKS S102672304
N/A

Relative:
Lower

LTANKS:

Site ID: 194911
Spill Number/Closed Date: 9311787 / 1994-01-04
Spill Date: 1994-01-04
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1994-01-04
Cleanup Meets Standard: True
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
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1994-03-30

Actual:
9 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APT. BLDG 15 W. 139TH ST (Continued)

S102672304

Spill Record Last Update: 2004-09-30
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 162405
DEC Memo: ""
Remarks: "TANK OVER FILL. NO OTHER DETAILS CREW ON SCEEN TO CLAIM. NO CALL BACK NECESSARY."

Material:

Site ID: 194911
Operable Unit ID: 993789
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
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

176
NNE
1/4-1/2
0.376 mi.
1984 ft.

**USPS VEHICLE MAINT. FAC.
580 GERARD AVENUE
NEW YORK CITY, NY**

**NY LTANKS S100146389
NY Spills N/A**

**Relative:
Higher**

LTANKS:

**Actual:
27 ft.**

Site ID: 231377
Spill Number/Closed Date: 9007668 / 2001-05-11
Spill Date: 1990-10-13
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS VEHICLE MAINT. FAC. (Continued)

S100146389

Recommended Penalty: 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 City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extension: 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 BEFORE BEDROCK REFUSAL AT 12 FT DEPTH. "
Remarks: "3K TANK FAILED VACUTEST WITH A GROSS LEAK, POSSIBLE VENT LINE, WILL NOTIFY VMF."

Material:
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: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 231377
Spill Tank Test: 1537709
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS VEHICLE MAINT. FAC. (Continued)

S100146389

SPILLS:

Facility ID: 9213223
Facility Type: ER
DER Facility ID: 190688
Site ID: 231378
DEC Region: 2
Spill Date: 1993-02-27
Spill Number/Closed Date: 9213223 / 2001-05-11
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
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
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 City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: 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."

Material:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS VEHICLE MAINT. FAC. (Continued)

S100146389

Quantity: -1.00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

**AL177
NW
1/4-1/2
0.389 mi.
2055 ft.**

**NYC TRANSIT
146TH ST & LENOX
NEW YORK, NY**

**NY LTANKS S106702990
N/A**

Site 1 of 3 in cluster AL

**Relative:
Lower**

LTANKS:

**Actual:
8 ft.**

Site ID: 138340
Spill Number/Closed Date: 0009127 / 2002-07-10
Spill Date: 2000-11-07
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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 City,St,Zip: MANHATTAN, NY -
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: ""

Material:

Site ID: 138340
Operable Unit ID: 829714
Operable Unit: 01

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NYC TRANSIT (Continued)

S106702990

Material ID: 546622
 Material Code: 0008
 Material Name: diesel
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: .00
 Units: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

Site ID: 138340
 Spill Tank Test: 1525975
 Tank Number: 3
 Tank Size: 10000
 Test Method: 03
 Leak Rate: .50
 Gross Fail: Not reported
 Modified By: Spills
 Last Modified: Not reported
 Test Method: Horner EZ Check I or II

**AL178
 NW
 1/4-1/2
 0.391 mi.
 2067 ft.**

**CLARA HALE (146 STREET) BUS DEPOT
 721 LENOX AVENUE
 NEW YORK, NY 10039
 Site 2 of 3 in cluster AL**

**NY LTANKS S103559730
 NY CBS N/A
 NY CBS AST
 NY Spills**

**Relative:
 Lower**

LTANKS:
 Site ID: 522825
 Spill Number/Closed Date: 1511105 / 2016-04-25
 Spill Date: 2016-02-18
 Spill Cause: Tank Test Failure
 Spill Source: Commercial/Industrial
 Spill Class: Not reported
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 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
 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 City,St,Zip: NY
 Spiller County: 999

**Actual:
 8 ft.**

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 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, 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

Remarks: based on available information."
"there was 2 tank test failure."

Material:

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
Recovered: Not reported
Resource Affected: 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
Resource Affected: Not reported
Oxygenate: Not reported
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
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

CBS:

CBS Number: 2-000294
Program Type: CBS
Facility Status: Active
Expiration Date: 09/01/2016
Dec Region: 2
UTMX: 589673.51066
UTMY: 4519530.94117

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

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:

Facility ID: 1406736
Facility Type: ER
DER Facility ID: 309493
Site ID: 500217
DEC Region: 2
Spill Date: 2014-09-25
Spill Number/Closed Date: 1406736 / 2014-09-25
Spill Cause: Human Error
Spill Class: Not reported
SWIS: 3101
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 City,St,Zip: NEW YORK, NY
Spiller Company: 999
Contact Name: MICHELLE RICHARDS
Contact Phone: (646) 252-5773
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"

Material:

Site ID: 500217

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 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: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0610604
Facility Type: ER
DER Facility ID: 309493
Site ID: 375070
DEC Region: 2
Spill Date: 2006-12-13
Spill Number/Closed Date: 0610604 / 2008-06-17
Spill Cause: Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
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
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 City,St,Zip: NEW YORK, NY 001
Contact Name: RACHEL KRON
Contact Phone: (201) 341-9552
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:"

Material:

Site ID: 375070
Operable Unit ID: 1132723

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: 2122504
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0513028
Facility Type: ER
DER Facility ID: 309493
Site ID: 359438
DEC Region: 2
Spill Date: 2006-02-09
Spill Number/Closed Date: 0513028 / 2008-06-17
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 3101
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
Spiller Name: JAIKISAN
Spiller Company: MOTHER CLARA HILL BUS
Spiller Address: 721 LENOX AVE
Spiller City,St,Zip: NEW YORK, NY
Spiller Company: 001
Contact Name: JAIKISAN
Contact Phone: (646) 252-5777
DEC Memo: "02/10/06. Feroze. Talked with Mr. Jakisan Achaibar 646-252-5772. All fuel is in secondary containment. 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

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: broken 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 # 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

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"

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0401607
Facility Type: ER
DER Facility ID: 279810
Site ID: 95161
DEC Region: 2
Spill Date: 2004-05-14
Spill Number/Closed Date: 0401607 / 2004-09-13
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
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 City,St,Zip: NEW YORK, NY
Spiller Company: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLARA HALE (146 STREET) BUS DEPOT (Continued)

S103559730

Contact Name: SHERRY BULKLEY
Contact Phone: (718) 243-4581
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"

Material:

Site ID: 95161
Operable Unit ID: 885501
Operable Unit: 01
Material ID: 492806
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: Gallons
Recovered: 5.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0400382
Facility Type: ER
DER Facility ID: 279810
Site ID: 95160
DEC Region: 2
Spill Date: 2004-04-13
Spill Number/Closed Date: 0400382 / 2004-04-20
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
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

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: SHERRY BULKLEY
Spiller Company: NYCT
Spiller Address: 370 JAY STREET
Spiller City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: SHERRY BULKLEY
Contact Phone: (718) 243-4581
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: "

Material:

Site ID: 95160
Operable Unit ID: 882552
Operable Unit: 01
Material ID: 491640
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

[Click this hyperlink](#) while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

AL179 **MOTHER CLARA HALE (146TH ST) DEPOT -NYCT**
NW **721 LENOX AVE**
1/4-1/2 **MANHATTAN, NY 10039**
0.391 mi.
2067 ft. **Site 3 of 3 in cluster AL**

NY LTANKS **S104502486**
NY Spills **N/A**

Relative:
Lower

LTANKS:

Site ID: 110346
Spill Number/Closed Date: 0405011 / 2005-01-10
Spill Date: 2004-08-06
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported

Actual:
8 ft.

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

Reported to Dept: 2004-08-06
CID: 406
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 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 City,St,Zip: MANHATTAN, NY 10025
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."

Material:

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
Resource Affected: Not reported
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: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: 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

Tank Test:

Site ID: 110346
Spill Tank Test: 1529519
Tank Number: 1
Tank Size: 1000
Test Method: 18
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Alert Model 1000 plus 1050 (Formerly Gilbarco Precision)
Site ID: 110346
Spill Tank Test: 1529520
Tank Number: 1
Tank Size: 1000
Test Method: 18
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Alert Model 1000 plus 1050 (Formerly Gilbarco Precision)

Site ID: 95163
Spill Number/Closed Date: 9106264 / 2000-12-27
Spill Date: 1991-09-10
Spill Cause: Tank Test Failure
Spill Source: Non Major Facility > 1,100 gal
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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 City,St,Zip: NY
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 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.

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

Remarks: DEC SIGONA REASSIGNED TO KEVIN HALE ON 1/23/98 transferred from Hale to Tibbe on 12/27/00. refer to 89-02374. remediation ongoing."
"TWO 5000 GAL TANKS MANIFOLDED. PETROTITE -.280GPH. ISOLATING & INVESTIGATING PIPING."

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 95163
Spill Tank Test: 1539031
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

Site ID: 95164
Spill Number/Closed Date: 9110782 / 2003-02-12
Spill Date: 1992-01-16
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-02-03
Spill Record Last Update: 2003-02-12
Spiller Name: 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

Spiller Company: NYCTA
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 85127
DEC Memo: ""
Remarks: "SORBENT APPLIED. WILL PICK UP & DISPOSE."

Material:

Tank Test:

Site ID: 95165
Spill Number/Closed Date: 9213322 / 2003-02-10
Spill Date: 1993-03-02
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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 City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 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"

Material:

Site ID: 95165
Operable Unit ID: 980498

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

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 212329
Spill Number/Closed Date: 8904241 / 2005-06-30
Spill Date: 1989-07-28
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
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
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 City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 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. transfered from Hale to Tibbe on 12/27/00. tanks replace/repared/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."

Material:

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

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
Material FA: Petroleum
Quantity: -1.00
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 212329
Spill Tank Test: 1535764
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

Site ID: 158428
Spill Number/Closed Date: 9304003 / 2000-12-27
Spill Date: 1993-06-29
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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 City,St,Zip: BROOKLYN, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

DEC Region: 2
DER Facility ID: 85127
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: "DIESEL WAS FOUND IN MANWAY TO INVESTIGATE TANKS."

Material:

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: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 240067
Spill Number/Closed Date: 8902374 / Not Reported
Spill Date: 1989-06-07
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: RVKETANI
Referred To: 092915 SENT EMAIL TO NYCHA RE MW30R
Reported to Dept: 1989-06-07
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 5
Date Entered In Computer: 1989-06-09
Spill Record Last Update: 2016-04-21
Spiller Name: Not reported
Spiller Company: NYCTA
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2

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

DER Facility ID: 459068
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE transferred 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 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

MAP FINDINGS

MOTHER CLARA HALE (146TH ST) DEPOT -NYCT (Continued)

S104502486

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 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. 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

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

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 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. Cadechia 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.

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

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."

Remarks: "FOUR 5K TANKS LEAKING INTO VAULT. GROUNDWATER DISCOVERED IN VAULT."

Material:

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: Gallons
Recovered: -1.00
Resource Affected: Not reported
Oxygenate: Not reported
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: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: 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

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: Gallons
Recovered: -1.00
Resource Affected: Not reported
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: Gallons
Recovered: -1.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 240067
Spill Tank Test: 1535552
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

SPILLS:

Facility ID: 0404173
Facility Type: ER
DER Facility ID: 85127
Site ID: 95162
DEC Region: 2
Spill Date: 2004-07-19
Spill Number/Closed Date: 0404173 / 2005-03-30
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2004-07-19
CID: 405

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

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 City,St,Zip: MANHATTAN, NY 10039
Spiller Company: 001
Contact Name: LENNY GELDMAN
Contact Phone: (347) 386-7457
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 CAUSE, EVERYTHING CLEANED UP"

Material:
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: Gallons
Recovered: 20.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0311419
Facility Type: ER
DER Facility ID: 85127
Site ID: 158426
DEC Region: 2
Spill Date: 2004-01-09
Spill Number/Closed Date: 0311419 / 2004-01-29
Spill Cause: Human Error
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: MCTIBBE

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

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 City,St,Zip: BROOKLYN, NY
Spiller Company: 001
Contact Name: ANDREW JANUSIS
Contact Phone: (718) 243-4581
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."

Material:
Site ID: 158426
Operable Unit ID: 876771
Operable Unit: 01
Material ID: 500228
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0311426
Facility Type: ER
DER Facility ID: 85127
Site ID: 158427
DEC Region: 2
Spill Date: 2004-01-09
Spill Number/Closed Date: 0311426 / 2004-03-30
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.

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

Willing Responsible Party. Corrective action taken.
SWIS: 3101
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 City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: PASHKO CAMAJ
Contact Phone: (718) 243-4581
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 dispensor pan, which is connected to the secondary. Product was entering the dispensor pan because operators were leaving the dispensor 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 dispensor 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."
Material:
Site ID: 158427
Operable Unit ID: 879043
Operable Unit: 01
Material ID: 500235
Material Code: 0008
Material Name: diesel
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported
Tank Test:
Facility ID: 0008714
Facility Type: ER

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

DER Facility ID: 85127
Site ID: 95157
DEC Region: 2
Spill Date: 2000-10-26
Spill Number/Closed Date: 0008714 / 2001-08-28
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2000-10-26
CID: 312
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2000-10-26
Spill Record Last Update: 2003-11-14
Spiller Name: Not reported
Spiller Company: NYC TRANSIT
Spiller Address: 871 5TH AVE
Spiller City,St,Zip: BROOKLYN, NY -
Spiller Company: 001
Contact Name: CALLER
Contact Phone: Not reported
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"

Material:

Tank Test:

Facility ID: 9610294
Facility Type: ER
DER Facility ID: 85127
Site ID: 318595
DEC Region: 2
Spill Date: 1996-11-18
Spill Number/Closed Date: 9610294 / 1996-11-22
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: ADZHITOM
Referred To: Not reported
Reported to Dept: 1996-11-18
CID: 323

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

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 City,St,Zip: MANHATTAN, ZZ
Spiller Company: 001
Contact Name: RAMONE PAEZ
Contact Phone: (718) 243-4581
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."

Material:
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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

[Click this hyperlink](#) while viewing on your computer to access additional NY_SPILL: detail in the EDR Site Report.

180
East
1/4-1/2
0.393 mi.
2074 ft.

556 MORRIS AVE
556 MORRIS AVE
BRONX, NY

NY LTANKS S102673199
N/A

Relative:
Higher

LTANKS:
Site ID: 287485
Spill Number/Closed Date: 9513120 / 1996-01-22
Spill Date: 1996-01-20
Spill Cause: Tank Overfill
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
26 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

556 MORRIS AVE (Continued)

S102673199

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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 City,St,Zip: ASTORIA, NY
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"

Material:

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: Gallons
Recovered: 1.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

AM181
East
1/4-1/2
0.419 mi.
2212 ft.

LINCOLN MEDICAL CENTER
234 EAST 149TH ST
BRONX, NY
Site 1 of 2 in cluster AM

NY LTANKS **S106385467**
NY Spills **N/A**

Relative:
Higher

LTANKS:
Site ID: 235057
Spill Number/Closed Date: 9310375 / 1993-11-27
Spill Date: 1993-11-26
Spill Cause: Tank Overfill

Actual:
28 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL CENTER (Continued)

S106385467

Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1993-11-27
Cleanup Meets Standard: True
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
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 City,St,Zip: NY
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 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."

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 211660
Spill Number/Closed Date: 0313236 / 2006-01-06
Spill Date: 2004-03-02
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: No spill occurred. No DEC Response. No corrective action required.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL CENTER (Continued)

S106385467

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
UST Involvement: False
Remediation Phase: 0
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 City,St,Zip: BRONX, NY
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 tippie 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."

Material:
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: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 211660
Spill Tank Test: 1529014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL CENTER (Continued)

S106385467

Tank Number: 4
Tank Size: 50000
Test Method: 14
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: VacuTest

Site ID: 508906
Spill Number/Closed Date: 1502628 / Not Reported
Spill Date: 2015-06-09
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: HRPATEL
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
UST Involvement: False
Remediation Phase: 1
Date Entered In Computer: 2015-06-09
Spill Record Last Update: 2015-12-11
Spiller Name: ANGELO
Spiller Company: LINCOLN HOSPITAL
Spiller Address: 234 EAST 149TH ST
Spiller City,St,Zip: BRONX, NY
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,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL CENTER (Continued)

S106385467

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 Street New York, NY 10013 Attn.: Ramanathan Raju Ph. (212) 788-3321 **PBS expired. ** refer to spill #: 0204573 also. **"

Remarks: "50000 gallon tank"

Material:

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
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:

Facility ID: 9208811
Facility Type: ER
DER Facility ID: 193601
Site ID: 235056
DEC Region: 2
Spill Date: 1992-10-30
Spill Number/Closed Date: 9208811 / 1992-10-30
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: KSTANG
Referred To: Not reported
Reported to Dept: 1992-10-30
CID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL CENTER (Continued)

S106385467

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 City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: 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"

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

AM182
East
1/4-1/2
0.419 mi.
2212 ft.

LINCOLN MEDICAL & HEALTH
234 E.149TH ST
BRONX, NY
Site 2 of 2 in cluster AM

NY LTANKS **S106006138**
NY Spills **N/A**

Relative:
Higher

LTANKS:
Site ID: 469829
Spill Number/Closed Date: 1206812 / 2015-08-28
Spill Date: 2012-10-10
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: Not reported
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: HRPATEL
Referred To: Not reported

Actual:
28 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL & HEALTH (Continued)

S106006138

Reported to Dept: 2012-10-10
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2012-10-10
Spill Record Last Update: 2015-08-28
Spiller Name: Not reported
Spiller Company: LINCOLN HOSPITAL
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller County: 999
Spiller Contact: JOHN HEALEY
Spiller Phone: (718) 579-5680
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 193601
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"

Material:

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
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:

Facility ID: 0204573
Facility Type: ER
DER Facility ID: 77980
Site ID: 84826

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL & HEALTH (Continued)

S106006138

DEC Region: 2
Spill Date: 2002-07-30
Spill Number/Closed Date: 0204573 / 2015-12-02
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
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
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: ANTHONY J LARA
Contact Phone: (646) 772-7180
DEC Memo: "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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL & HEALTH (Continued)

S106006138

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 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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL & HEALTH (Continued)

S106006138

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9515003
Facility Type: ER
DER Facility ID: 264984
Site ID: 329276
DEC Region: 2
Spill Date: 1996-02-22
Spill Number/Closed Date: 9515003 / 1996-02-22
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 1996-02-22
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 City,St,Zip: BRONX, NY 10454-001
Contact Name: NICK BARTON
Contact Phone: (718) 579-5680
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"

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LINCOLN MEDICAL & HEALTH (Continued)

S106006138

Material:
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: Gallons
Recovered: 30.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

AN183
SSE
1/4-1/2
0.420 mi.
2220 ft.

242 EAST 138TH STREET, INC.
242 EAST 138TH STREET
BRONX, NY 10451

NY LTANKS **U003069066**
NY UST **N/A**

Site 1 of 3 in cluster AN

Relative:
Lower

LTANKS:
Site ID: 297794
Spill Number/Closed Date: 9101289 / 2007-02-02
Spill Date: 1991-04-29
Spill Cause: Tank Test Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: JBVOUGHT
Referred To: NO FILE
Reported to Dept: 1991-05-01
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1991-05-02
Spill Record Last Update: 2007-02-02
Spiller Name: Not reported
Spiller Company: CITGO
Spiller Address: Not reported
Spiller City,St,Zip: NN
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 240932

Actual:
19 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

242 EAST 138TH STREET, INC. (Continued)

U003069066

DEC Memo: "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."
Remarks: "(1)4K TANK,SYSTEM TEST,FAILED PETRO TITE WITH A GROSS LEAK,DEC INSTRUCTED CITGO TO INSTALL MONITORING WELLS."

Material:

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
Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 297794
Spill Tank Test: 1538517
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

UST:

Id/Status: 2-600201 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 07/08/2001
UTM X: 590405.35962
UTM Y: 4518370.95838
Site Type: Retail Gasoline Sales

Affiliation Records:

Site Id: 22184
Affiliation Type: Facility Owner
Company Name: LEAH MARKOWITZ
Contact Type: Not reported
Contact Name: Not reported
Address1: 14 WEST 85TH STREET-APT #1
Address2: Not reported
City: NEW YORK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

242 EAST 138TH STREET, INC. (Continued)

U003069066

State: NY
Zip Code: 10024
Country Code: 001
Phone: (718) 531-4305
EMail: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 2005-07-05

Site Id: 22184
Affiliation Type: Mail Contact
Company Name: 242 EAST 138TH STREET, INC.
Contact Type: Not reported
Contact Name: G. SINGH
Address1: 276 NORTH HENRY STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 349-0555
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 22184
Affiliation Type: On-Site Operator
Company Name: 242 EAST 138TH STREET, INC.
Contact Type: Not reported
Contact Name: 242 EAST 138TH ST., INC.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (212) 993-0169
EMail: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 2005-07-05

Site Id: 22184
Affiliation Type: Emergency Contact
Company Name: LEAH MARKOWITZ
Contact Type: Not reported
Contact Name: G. SINGH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 349-0555
EMail: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

242 EAST 138TH STREET, INC. (Continued)

U003069066

Modified By: EXROSSAN
Date Last Modified: 2005-07-05

Tank Info:

Tank Number: 001
Tank ID: 41526
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1983
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: 03
Date Test: 01/01/1997
Next Test Date: 01/01/2002
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

- A00 - Tank Internal Protection - None
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I00 - Overfill - None
- B01 - Tank External Protection - Painted/Asphalt Coating
- H00 - Tank Leak Detection - None
- J01 - Dispenser - Pressurized Dispenser
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Number: 002
Tank ID: 41527
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1983
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: 03
Date Test: 01/01/1997
Next Test Date: 01/01/2002
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

242 EAST 138TH STREET, INC. (Continued)

U003069066

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
J01 - Dispenser - Pressurized Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Number: 003
Tank ID: 41528
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1983
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: 03
Date Test: 01/01/1997
Next Test Date: 01/01/2002
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
J01 - Dispenser - Pressurized Dispenser

Tank Number: 004
Tank ID: 41529
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1983
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

242 EAST 138TH STREET, INC. (Continued)

U003069066

Tightness Test Method: 03
 Date Test: 01/01/1997
 Next Test Date: 01/01/2002
 Pipe Model: Not reported
 Modified By: TRANSLAT
 Last Modified: 03/04/2004

Equipment Records:

A00 - Tank Internal Protection - None
 C02 - Pipe Location - Underground/On-ground
 G00 - Tank Secondary Containment - None
 I00 - Overfill - None
 B01 - Tank External Protection - Painted/Asphalt Coating
 H00 - Tank Leak Detection - None
 J01 - Dispenser - Pressurized Dispenser
 D01 - Pipe Type - Steel/Carbon Steel/Iron
 F01 - Pipe External Protection - Painted/Asphalt Coating

AN184 138TH ST / RIDER AVE /
SSE 138TH ST / RIDER AVE
 1/4-1/2 NEW YORK, NY
 0.427 mi.
 2254 ft. **Site 2 of 3 in cluster AN**

NY LTANKS **S102671153**
N/A

Relative:
Lower

LTANKS:

Actual:
19 ft.

Site ID: 163341
 Spill Number/Closed Date: 8607426 / 1987-03-07
 Spill Date: 1987-03-07
 Spill Cause: Tank Overfill
 Spill Source: Tank Truck
 Spill Class: Not reported
 Cleanup Ceased: 1987-03-07
 Cleanup Meets Standard: True
 SWIS: 0301
 Investigator: UNASSIGNED
 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
 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 City,St,Zip: ZZ
 Spiller County: 001
 Spiller Contact: Not reported
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 274309
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
 Remarks: "MPC WILL VACUUM SPILL AT 11:00."

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

138TH ST / RIDER AVE / (Continued)

S102671153

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

185
South
1/4-1/2
0.431 mi.
2274 ft.

SPILL NUMBER 9808791
75 CANAL ST
BRONX, NY

NY LTANKS S104619748
N/A

Relative:
Lower

LTANKS:

Actual:
13 ft.

Site ID: 163031
Spill Number/Closed Date: 9808791 / 1998-10-15
Spill Date: 1998-10-13
Spill Cause: Tank Overfill
Spill Source: Commercial/Industrial
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: JXZHAO
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
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 City,St,Zip: W.BABYLON, NY 11704-001
Spiller County: 001
Spiller Contact: SCOTT ALNWICK
Spiller Phone: (718) 821-6900
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 137501

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 9808791 (Continued)

S104619748

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."

Material:
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: Gallons
Recovered: 5.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

186
NE
1/4-1/2
0.431 mi.
2277 ft.

**730 GRAND CONCOURSE
730 GRAND CONCOURSE
BRONX, NY**

**NY LTANKS S101508249
NY Spills N/A**

**Relative:
Higher**

LTANKS:
Site ID: 100890
Spill Number/Closed Date: 9414927 / 1995-02-24
Spill Date: 1995-02-13
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Not reported
Cleanup Ceased: 1995-02-24
Cleanup Meets Standard: True
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
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 City,St,Zip: ASTORIA, NY 11105
Spiller County: 001
Spiller Contact: Not reported

**Actual:
65 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

730 GRAND CONCOURSE (Continued)

S101508249

Spiller Phone: Not reported
Spiller Extension: 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 TANK FOR AN APARTMENT COMPLEX AND OVERFILLED THE TANK- ABSORBENTS WERE PUT DOWN- UNK IF PICKED UP"

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:

Facility ID: 9614169
Facility Type: ER
DER Facility ID: 89474
Site ID: 100891
DEC Region: 2
Spill Date: 1997-03-06
Spill Number/Closed Date: 9614169 / 1997-03-06
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

730 GRAND CONCOURSE (Continued)

S101508249

Spiller Address: 53 2ND AVE
 Spiller City,St,Zip: BROOKLYN, NY
 Spiller Company: 001
 Contact Name: Not reported
 Contact Phone: 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: "BADS VENT OIL CAME BACK THROUGH VENT CLEANUP CREW ON THE WAY TO
 CLEAN UP SPILL"

Material:

Site ID: 100891
 Operable Unit ID: 1041705
 Operable Unit: 01
 Material ID: 339278
 Material Code: 0003A
 Material Name: #6 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 10.00
 Units: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

187
 NW
 1/4-1/2
 0.434 mi.
 2294 ft.

101-125 WEST 147TH ST.
 101-125 WEST 147TH ST.
 MANHATTAN, NY

NY LTANKS S100781908
 N/A

Relative:
 Lower

LTANKS:

Actual:
 12 ft.

Site ID: 278382
 Spill Number/Closed Date: 9308461 / 1994-05-16
 Spill Date: 1993-10-13
 Spill Cause: Tank Failure
 Spill Source: Commercial/Industrial
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.
 Cleanup Ceased: 1994-05-16
 Cleanup Meets Standard: True
 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
 Recommended Penalty: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 1993-10-13
 Spill Record Last Update: 1994-05-16
 Spiller Name: 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

Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 226036
DEC Memo: ""
Remarks: "CRACK IN UNDERGR. TANK LEAKING UNDERGROUND INTO RIVER. ALSO CALLED EPA - UST 3 TANKS ON SITE TRATING 2 BUILDING."

Material:

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
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

AN188
SSE
1/4-1/2
0.435 mi.
2299 ft.

RIDER AVENUE GAS STATION
250 EAST 138TH STREET
BRONX, NY 10451
Site 3 of 3 in cluster AN

NY SHWS S113916758
N/A

Relative:
Lower

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

Actual:
20 ft.

Site Description: Part of Port Morris Zone 1 BOA.DEC #BOA00032DOS #10BOA002Site Investigation could not be funded under BOA since there is an ongoing State enforment action.

Env Problem: Not reported
Health Problem: Not reported
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RIDER AVENUE GAS STATION (Continued)

S113916758

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 10455
 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 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

AO189
West
1/4-1/2
0.439 mi.
2318 ft.

SAVOY PARK APT
620 LENNOX AVE
NEW YORK, NY
Site 1 of 2 in cluster AO

NY LTANKS **S117395118**
N/A

Relative:
Lower

LTANKS:
 Site ID: 502581
 Spill Number/Closed Date: 1408982 / 2015-02-19
 Spill Date: 2014-12-04
 Spill Cause: Tank Test Failure
 Spill Source: Private Dwelling
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 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

Actual:
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAVOY PARK APT (Continued)

S117395118

Recommended Penalty: False
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: SAVOY PARK APT
Spiller Address: 620 LENNOX AVE
Spiller City,St,Zip: NEW YORK, NY
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"

Material:
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
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

190
SSE
1/4-1/2
0.444 mi.
2344 ft.

FORMER G & C SERVICES
255 EAST 138TH STREET
BRONX, NY 10451

NY BROWNFIELDS **S110768286**
 N/A

Relative:
Higher

BROWNFIELDS:

Actual:
21 ft.

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: 01/08/2016
 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 is currently vacant with no on-site structures. 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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

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 Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS) 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. The investigation indicates that the presence of PCE in soil vapor can likely be attributed to an off-site source, due to the lack of PCE in on-site soil or groundwater. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment.

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

contamination is not contributing to off-site vapor intrusion exposures.

**191
 ENE
 1/4-1/2
 0.450 mi.
 2376 ft.**

**APARTMENT
 635 MORRIS AVE
 BRONX, NY**

**NY LTANKS S109064253
 N/A**

**Relative:
 Higher**

LTANKS:

**Actual:
 26 ft.**

Site ID: 396446
 Spill Number/Closed Date: 0800658 / 2008-06-12
 Spill Date: 2008-04-16
 Spill Cause: Tank Test Failure
 Spill Source: Commercial/Industrial
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 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
 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 City,St,Zip: BRONX, NY
 Spiller County: 001
 Spiller Contact: JESSE CURLL
 Spiller Phone: (781) 849-1471
 Spiller Extention: 105
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

APARTMENT (Continued)

S109064253

Remarks: 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"
 "PBS No: 2-605314 UNCOVER REPAIR AND RETEST: AIR LEAK"

Material:

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: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

Site ID: 396446
 Spill Tank Test: 2453528
 Tank Number: Not reported
 Tank Size: 15000
 Test Method: 00
 Leak Rate: .00
 Gross Fail: Not reported
 Modified By: Watchdog
 Last Modified: Not reported
 Test Method: Unknown
 Site ID: 396446
 Spill Tank Test: 2453529
 Tank Number: Not reported
 Tank Size: 0
 Test Method: 03
 Leak Rate: .00
 Gross Fail: Not reported
 Modified By: Watchdog
 Last Modified: Not reported
 Test Method: Horner EZ Check I or II

AO192
West
1/4-1/2
0.451 mi.
2382 ft.

APT COMPLEX
101 W.140TH ST
MANHATTAN, NY
Site 2 of 2 in cluster AO

NY LTANKS **S102233285**
N/A

Relative:
Lower

LTANKS:
 Site ID: 318950
 Spill Number/Closed Date: 9814882 / 2003-11-19
 Spill Date: 1999-03-15
 Spill Cause: Tank Failure
 Spill Source: Institutional, Educational, Gov., Other

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APT COMPLEX (Continued)

S102233285

Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported

Cleanup Meets Standard: False

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

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 City,St,Zip: MANHATTAN, NY

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."

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APT COMPLEX (Continued)

S102233285

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"

Material:

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
Quantity: 200.00
Units: Gallons
Recovered: 200.00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 283313
Spill Number/Closed Date: 9514579 / 1996-11-22
Spill Date: 1996-02-14
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: MCTIBBE
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
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 City,St,Zip: MANHATTAN, NY
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

APT COMPLEX (Continued)

S102233285

Remarks: TIBBE CLEANED BY PTC."
 "ruptured tank - contained to boiler room - location is a mutiple dwelling - clean in process"

Material:
 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: Gallons
 Recovered: 200.00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

AP193
WNW
1/4-1/2
0.457 mi.
2415 ft.

120-128 WEST 145TH STREET
120-128 WEST 145TH STREET
MANHATTAN, NY

NY LTANKS **S104275681**
N/A

Site 1 of 2 in cluster AP

Relative:
Lower

LTANKS:
 Site ID: 220577
 Spill Number/Closed Date: 9210186 / 1994-07-22
 Spill Date: 1992-12-02
 Spill Cause: Tank Test Failure
 Spill Source: Gasoline Station or other PBS Facility
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
 Cleanup Ceased: 1994-07-22
 Cleanup Meets Standard: True
 SWIS: 3101
 Investigator: O'DOWD
 Referred To: Not reported
 Reported to Dept: 1992-12-02
 CID: Not reported
 Water Affected: Not reported
 Spill Notifier: Tank Tester
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Involvement: True
 Remediation Phase: 0
 Date Entered In Computer: 1992-12-03
 Spill Record Last Update: 1994-08-02
 Spiller Name: Not reported
 Spiller Company: Not reported
 Spiller Address: Not reported
 Spiller City,St,Zip: ***Update***, ZZ
 Spiller County: 001
 Spiller Contact: Not reported

Actual:
19 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

120-128 WEST 145TH STREET (Continued)

S104275681

Spiller Phone: Not reported
Spiller Extension: Not reported
DEC Region: 2
DER Facility ID: 182450
DEC Memo: ""
Remarks: "2X4K AND 1X2K-MANIFOLDED-NO ACTION YET-WILL EIR TOMORROW"

Material:

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
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 220577
Spill Tank Test: 1540916
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

AP194
WNW
1/4-1/2
0.457 mi.
2415 ft.

120-128 W.145TH ST
120-128 W.145TH ST
NEW YORK CITY, NY

NY LTANKS S104275479
N/A

Site 2 of 2 in cluster AP

Relative:
Lower

LTANKS:

Site ID: 181462
Spill Number/Closed Date: 8606425 / 1987-08-21
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
Cleanup Meets Standard: True
SWIS: 3101
Investigator: UNASSIGNED
Referred To: Not reported
Reported to Dept: 1987-01-15
CID: Not reported
Water Affected: NONE
Spill Notifier: Tank Tester

Actual:
19 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

120-128 W.145TH ST (Continued)

S104275479

Last Inspection: Not reported
Recommended Penalty: False
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 City,St,Zip: NEW YORK CITY, ZZ
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"

Material:
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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 181462
Spill Tank Test: 1530504
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

195
West
1/4-1/2
0.475 mi.
2507 ft.

APARTMENT
127 WEST 141 ST
NEW YORK, NY 10030

NY LTANKS S107410697
N/A

Relative:
Higher

LTANKS:

Actual:
30 ft.

Site ID: 353559
Spill Number/Closed Date: 0508040 / 2006-08-08
Spill Date: 2005-10-05
Spill Cause: Tank Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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 City,St,Zip: NEW YORK, NY
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 Giovanni 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, Giovanni(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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APARTMENT (Continued)

S107410697

cut on the tank. Need to check the floor condition for cracks, leakage.
08/07/06 Rahman- Inspected the floor, found no drain, cracks,
condition looked good. NFA required. "
Remarks: "IS EITHER A LINE PROBLEM OR OTHER: STILL CHECKING: SERVICE MAN
ENROUTE: NO DRAINS ALL CONTAINED IN BUILDING:"

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

196
SW
1/4-1/2
0.479 mi.
2531 ft.

RIVERTON APARTMENTS
2225-2237 5TH AVE
NEW YORK, NY

NY LTANKS S106385597
N/A

Relative:
Lower

LTANKS:

Actual:
11 ft.

Site ID: 260631
Spill Number/Closed Date: 0313699 / 2006-06-19
Spill Date: 2004-03-15
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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 City, St, Zip: NEW YORK, NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIVERTON APARTMENTS (Continued)

S106385597

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:"

Material:
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: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

197
NNE
1/4-1/2
0.481 mi.
2540 ft.

711 WALTON AVENUE
711 WALTON AVENUE
BRONX, NY

NY LTANKS S102672744
N/A

Relative:
Higher

LTANKS:
Site ID: 142744
Spill Number/Closed Date: 9412692 / 1994-12-22
Spill Date: 1994-12-21
Spill Cause: Tank Overfill
Spill Source: Private Dwelling

Actual:
47 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

711 WALTON AVENUE (Continued)

S102672744

Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1994-12-22
Cleanup Meets Standard: True
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
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 City,St,Zip: NY
Spiller County: 999
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 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"

Material:
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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

198
SSE
1/4-1/2
0.481 mi.
2541 ft.

P & R FIXTURES CORP
271 E 139TH ST
BRONX, NY

NY LTANKS **S104516899**
N/A

Relative:
Higher

LTANKS:

Actual:
27 ft.

Site ID: 102522
Spill Number/Closed Date: 9914720 / 2004-01-23
Spill Date: 2000-03-29
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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 City,St,Zip: BRONX, NY 10472-001
Spiller Contact: PAUL REISMAN
Spiller Phone: (718) 293-0263
Spiller Extention: Not reported
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"

Material:

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: Gallons
Recovered: 7.00
Resource Affected: Not reported
Oxygenate: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

P & R FIXTURES CORP (Continued)

S104516899

Tank Test:

199
NE
1/4-1/2
0.482 mi.
2547 ft.

**SURREY RESIDENCE
740 GRAND CONCOURSE
BRONX, NY**

**NY LTANKS S102672466
N/A**

**Relative:
Higher**

LTANKS:

**Actual:
83 ft.**

Site ID: 103839
Spill Number/Closed Date: 9400122 / 1998-03-17
Spill Date: 1994-04-04
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
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
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 City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 91794
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."

Material:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SURREY RESIDENCE (Continued)

S102672466

Units: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

200
North
1/4-1/2
0.483 mi.
2548 ft.

**BRONX TERMINAL MARKET
UNDER DEEGAN EXP
BRONX, NY**

**NY LTANKS S108765638
N/A**

**Relative:
Lower**

LTANKS:

**Actual:
6 ft.**

Site ID: 386416
Spill Number/Closed Date: 0705989 / 2007-08-27
Spill Date: 2007-08-27
Spill Cause: Tank Failure
Spill Source: Commercial Vehicle
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 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
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 City,St,Zip: ZZ -
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"

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX TERMINAL MARKET (Continued)

S108765638

Material:
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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

201
East
1/4-1/2
0.486 mi.
2566 ft.

560 LINCOLN AVENUE
560 LINCOLN AVENUE
NEW YORK CITY, NY

NY LTANKS S100145117
N/A

Relative:
Higher

LTANKS:
Site ID: 241119
Spill Number/Closed Date: 8801291 / 1992-11-19
Spill Date: 1988-05-11
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 1992-11-19
Cleanup Meets Standard: False
SWIS: 4301
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 1988-05-11
CID: Not reported
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1988-05-16
Spill Record Last Update: 1994-05-12
Spiller Name: Not reported
Spiller Company: ST MARGARET & MARY
Spiller Address: 560 LINCOLN AVE
Spiller City,St,Zip: STATEN ISLAND, ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 198246

Actual:
36 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

560 LINCOLN AVENUE (Continued)

S100145117

DEC Memo: ""
Remarks: "3K TANK , GROSS LEAK, BELIEVED TO BE PROBLEM W/LINE. INITIAL SYSTEM HORNER-EZY"

Material:
Site ID: 241119
Operable Unit ID: 916769
Operable Unit: 01
Material ID: 460437
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 241119
Spill Tank Test: 1533883
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

202
West
1/4-1/2
0.487 mi.
2569 ft.

120 W 140TH ST
120 W 140TH ST
MANHATTAN, NY

NY LTANKS S107789109
N/A

Relative:
Lower

LTANKS:
Site ID: 362249
Spill Number/Closed Date: 0600278 / 2006-04-10
Spill Date: 2006-04-08
Spill Cause: Tank Failure
Spill Source: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 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

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

120 W 140TH ST (Continued)

S107789109

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 City,St,Zip: NY
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."

Material:
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: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

**203
West
1/4-1/2
0.488 mi.
2577 ft.**

**PRIVATE DWELLING
106 WEST 139TH ST
MANHATTAN, NY**

**NY LTANKS S105054560
N/A**

**Relative:
Lower**

LTANKS:
Site ID: 218432
Spill Number/Closed Date: 0100156 / 2005-11-10
Spill Date: 2001-04-05
Spill Cause: Tank Test Failure
Spill Source: Private Dwelling
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: jdjarrat
Referred To: Not reported
Reported to Dept: 2001-04-05
CID: 211

**Actual:
17 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PRIVATE DWELLING (Continued)

S105054560

Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 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 City,St,Zip: MANHATTAN, NY
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"

Material:

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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 218432
Spill Tank Test: 1526198
Tank Number: 1
Tank Size: 2000
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Horner EZ Check I or II

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

204
WNW
1/4-1/2
0.488 mi.
2579 ft.

150-54 WEST 145TH ST/MANH
150-54 WEST 145TH STREET
NEW YORK CITY, NY

NY LTANKS S104275618
N/A

Relative:
Higher

LTANKS:

Actual:
22 ft.

Site ID: 263855
Spill Number/Closed Date: 9008914 / 1990-11-28
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
Cleanup Meets Standard: True
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
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 City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 215072
DEC Memo: ""
Remarks: "LINE TEST ONLY, FAILED PETRO TITE WITH A LEAK RATE OF -.033GPH, TYREE BROS WILL EXCAVATE, ISOLATE, INVESTIGATE & RETEST."

Material:

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: Pounds
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

150-54 WEST 145TH ST/MANH (Continued)

S104275618

Site ID: 263855
 Spill Tank Test: 1537880
 Tank Number: Not reported
 Tank Size: 0
 Test Method: 00
 Leak Rate: .00
 Gross Fail: Not reported
 Modified By: Spills
 Last Modified: Not reported
 Test Method: Unknown

**205
 ENE
 1/4-1/2
 0.496 mi.
 2619 ft.**

**EXCAVATION
 675 MORRIS AVE
 BRONX, NY**

**NY LTANKS S106972317
 N/A**

**Relative:
 Higher**

LTANKS:

Site ID: 349947
 Spill Number/Closed Date: 0505007 / 2006-10-11
 Spill Date: 2005-07-22
 Spill Cause: Tank Failure
 Spill Source: Non Major Facility > 1,100 gal
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.

**Actual:
 27 ft.**

Cleanup Ceased: Not reported
 Cleanup Meets Standard: False
 SWIS: 0301
 Investigator: SFRAHMAN
 Referred To: Not reported
 Reported to Dept: 2005-07-26
 CID: 444
 Water Affected: Not reported
 Spill Notifier: Other
 Last Inspection: Not reported
 Recommended Penalty: False
 UST Involvement: False
 Remediation Phase: 0
 Date Entered In Computer: 2005-07-26
 Spill Record Last Update: 2006-10-11
 Spiller Name: DOUG HARM
 Spiller Company: EXCAVATION
 Spiller Address: 675 MORRIS AVE
 Spiller City,St,Zip: BRONX, NY
 Spiller County: 001
 Spiller Contact: DOUG HARM
 Spiller Phone: (732) 223-2225
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 296383
 DEC Memo: "7/26/05 - Sangesland spoke to Doug Harm of Brinkerhoff Envir. He said they are developing a vacant site and they found a buried 550 gal UST. Tank was pulled and approx. 300 cubic yards of contaminated soil was stockpiled waiting for disposal. They will take end point samples and compare them to TAGM limits and send it in. ***Consultant knew what to do - No Contaminated Soil Letter was sent*** 10/26/05 - Austin - Project reassigned from Krimgold to Rahman - end 02/27/06

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXCAVATION (Continued)

S106972317

Sharif Rahman- I spoke with Doug Harm,(732)223-2225 and he would send DEC the final closure report in 5/6 weeks. 05/08/06 Sharif Rahman- I spoke with Doug again, he would send me the summary of investigation for review first, then the final report. 10/04/06 Rahman- Nine UST were discovered ranging from 275 gallons to 2,000 gallons in size. Tanks showed evidence of discharge. Brinkerhoff excavated and properly disposed approx. 465 tons of petroleum-impacted soil. Analyticals results showed elevated levels of PAH compounds that had historically been over the NYS DEC TAGM's soil clean up objectives as a result of historic fill material. Five end point samples were collected. VOCs were non detectable in all samples. Several SVOC PAHs were reported over DEC SCO, but these PAHs are the same PAHs that were identified in the historic fill found throughout the site. Placement of a impermeable cap comprised of concrete is projected to be completed in October 2006."

Remarks: "LEAK FROM UNDERGROUND STORAGE TANK:"

Material:

Site ID: 349947
Operable Unit ID: 1107535
Operable Unit: 01
Material ID: 2097423
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

206
NW
1/4-1/2
0.499 mi.
2636 ft.

SPILL NUMBER 0209798
160 WEST 146TH ST
MANHATTAN, NY

NY LTANKS S105997731
N/A

Relative:
Lower

LTANKS:

Site ID: 150849
Spill Number/Closed Date: 0209798 / 2004-01-22
Spill Date: 2002-12-26
Spill Cause: Tank Test Failure
Spill Source: Institutional, Educational, Gov., Other
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2002-12-26
CID: 205
Water Affected: Not reported

Actual:
19 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0209798 (Continued)

S105997731

Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: 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 City,St,Zip: MANHATTAN, NY
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 notorized documentation indicating there was no contaminants when tank abandon in place. tank registered for abandonment. nfa."
Remarks: ""

Material:
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: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 150849
Spill Tank Test: 1527871
Tank Number: 1
Tank Size: 2500
Test Method: 03
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Horner EZ Check I or II

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

207
 NW
 1/2-1
 0.614 mi.
 3244 ft.

FILM STORAGE WAREHOUSE SITE
203-209 WEST 146TH STREET
NEW YORK, NY 10039

NY SHWS S113917008
N/A

Relative:
Higher

SHWS:

Program: HW
 Site Code: 57156
 Classification: N
 Region: 2
 Acres: Not reported
 HW Code: 231009
 Record Add: 02/06/2003
 Record Upd: 06/14/2006
 Updated By: DMMOLOUG

Actual:
24 ft.

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 semivolatle 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FILM STORAGE WAREHOUSE SITE (Continued)

S113917008

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

208
South
1/2-1
0.632 mi.
3339 ft.

VISTA 1
2401 THIRD AVENUE
BRONX, NY 10451

NY SHWS S113916759
N/A

Relative:
Lower

SHWS:

Actual:
9 ft.

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 #BOA00032DOS #10BOA002Site
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 14055
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 14055
Owner Country: United States of America
HW Code: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

VISTA 1 (Continued)

S113916759

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

209
WSW
 1/2-1
 0.736 mi.
 3888 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

Manufactured Gas Plants:
 No additional information available

Actual:
26 ft.

210
ENE
 1/2-1
 0.804 mi.
 4247 ft.

FORMER MELROSE AVENUE DRY CLEANER
753 MELROSE AVENUE
BRONX, NY 10451

NY SHWS S113916992
N/A

Relative:
Higher

SHWS:
 Program: HW
 Site Code: 57014
 Classification: Significant threat to the public health or environment - action required.

Actual:
34 ft.

Region: 2
 Acres: 0.066
 HW Code: 203009
 Record Add: 02/21/2001
 Record Upd: 03/07/2016
 Updated By: JAMORAS

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MELROSE AVENUE DRY CLEANER (Continued)

S113916992

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). 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MELROSE AVENUE DRY CLEANER (Continued)

S113916992

Dell: False
Record Add: 2/21/2001 8:34:00 AM
Record Upd: 8/20/2013 2:03:00 PM
Updated By: DKHARRIN
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: Owner
Sub Type: C01
Owner Name: Ms.Vicki Been
Owner Company: NYC Dept. of Housing Preservation & Development
Owner Address: 100 Gold Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10038
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: 11/7/2007 4:23:00 PM
Record Updated: 11/7/2007 4:23:00 PM
Updated By: MOBARRIE
Crossref ID: B00095
Cross Ref Type Code: 03
Cross Ref Type: ERP Site ID
Record Added Date: 2/21/2014 10:17:00 AM
Record Updated: 2/21/2014 10:17:00 AM
Updated By: BRWOLOSE

Count: 5 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	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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 07/07/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/17/2016
	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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 07/07/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 07/07/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/17/2016
	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: 11/13/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/06/2016	Telephone: 703-603-8704
Date Made Active in Reports: 05/20/2016	Last EDR Contact: 07/06/2016
Number of Days to Update: 135	Next Scheduled EDR Contact: 10/17/2016
	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 know 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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 07/22/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/31/2016
	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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 07/22/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 10/31/2016
	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: 12/09/2015	Source: EPA
Date Data Arrived at EDR: 03/02/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/10/2016
	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: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/17/2016
	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: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/17/2016
	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: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/17/2016
	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: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Varies

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: 05/28/2015	Source: Department of the Navy
Date Data Arrived at EDR: 05/29/2015	Telephone: 843-820-7326
Date Made Active in Reports: 06/11/2015	Last EDR Contact: 05/16/2016
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/29/2016
	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: 09/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/11/2015	Telephone: 703-603-0695
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 05/25/2016
Number of Days to Update: 53	Next Scheduled EDR Contact: 09/12/2016
	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: 09/10/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/11/2015	Telephone: 703-603-0695
Date Made Active in Reports: 11/03/2015	Last EDR Contact: 05/25/2016
Number of Days to Update: 53	Next Scheduled EDR Contact: 09/12/2016
	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: 03/28/2016	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 03/30/2016	Telephone: 202-267-2180
Date Made Active in Reports: 05/20/2016	Last EDR Contact: 06/28/2016
Number of Days to Update: 51	Next Scheduled EDR Contact: 10/10/2016
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 05/17/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/19/2016	Telephone: 518-402-9622
Date Made Active in Reports: 07/07/2016	Last EDR Contact: 05/19/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/29/2016
	Data Release Frequency: Annually

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: 08/01/2015	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/19/2015	Telephone: 518-402-9814
Date Made Active in Reports: 12/10/2015	Last EDR Contact: 05/20/2016
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/29/2016
	Data Release Frequency: Varies

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

SWF/LF: Facility Register

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

Date of Government Version: 04/06/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/14/2016	Telephone: 518-457-2051
Date Made Active in Reports: 06/17/2016	Last EDR Contact: 07/01/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

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: 10/13/2015	Source: EPA Region 8
Date Data Arrived at EDR: 10/23/2015	Telephone: 303-312-6271
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 118	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

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: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 11/07/2016
	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: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/26/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Semi-Annually

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: 10/27/2015	Source: EPA Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 07/29/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/07/2016
	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: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015	Source: EPA Region 7
Date Data Arrived at EDR: 02/12/2016	Telephone: 913-551-7003
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 112	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/17/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/19/2016	Telephone: 518-402-9549
Date Made Active in Reports: 07/12/2016	Last EDR Contact: 05/19/2016
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/29/2016
	Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

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

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/08/2005	Telephone: 518-402-9549
Date Made Active in Reports: 07/14/2005	Last EDR Contact: 07/07/2005
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

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: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 07/07/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/24/2016
	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: 03/29/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/31/2016	Telephone: 518-402-9549
Date Made Active in Reports: 04/20/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/10/2016
	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

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: 03/29/2016
Date Data Arrived at EDR: 03/31/2016
Date Made Active in Reports: 04/20/2016
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

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

Date of Government Version: 03/29/2016
Date Data Arrived at EDR: 03/31/2016
Date Made Active in Reports: 04/20/2016
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 03/29/2016
Date Data Arrived at EDR: 03/31/2016
Date Made Active in Reports: 04/20/2016
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 06/30/2016
Next Scheduled EDR Contact: 10/10/2016
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 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: 02/05/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 35

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 07/29/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 11/07/2016
	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: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

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: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Quarterly

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: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 07/27/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Semi-Annually

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: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 07/27/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/07/2016
	Data Release Frequency: Varies

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: 03/29/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 03/31/2016	Telephone: 518-402-9543
Date Made Active in Reports: 04/20/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/10/2016
	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: 02/04/2016	Source: New York City Department of City Planning
Date Data Arrived at EDR: 03/24/2016	Telephone: 212-720-3300
Date Made Active in Reports: 04/20/2016	Last EDR Contact: 06/21/2016
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/03/2016
	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: 06/24/2016
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/03/2016
	Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 05/17/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/19/2016	Telephone: 518-402-9553
Date Made Active in Reports: 07/07/2016	Last EDR Contact: 05/19/2016
Number of Days to Update: 49	Next Scheduled EDR Contact: 08/29/2016
	Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/17/2016
Date Data Arrived at EDR: 05/19/2016
Date Made Active in Reports: 07/07/2016
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/19/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements

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

Date of Government Version: 05/17/2016
Date Data Arrived at EDR: 05/19/2016
Date Made Active in Reports: 07/07/2016
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 05/19/2016
Next Scheduled EDR Contact: 08/29/2016
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: 07/01/2016
Next Scheduled EDR Contact: 10/10/2016
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

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: 05/17/2016
Date Data Arrived at EDR: 05/19/2016
Date Made Active in Reports: 07/07/2016
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 05/19/2016
Next Scheduled EDR Contact: 08/29/2016
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: 05/17/2016
Date Data Arrived at EDR: 05/19/2016
Date Made Active in Reports: 07/07/2016
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/19/2016
Next Scheduled EDR Contact: 08/29/2016
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: 03/21/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/22/2016	Telephone: 202-566-2777
Date Made Active in Reports: 07/13/2016	Last EDR Contact: 06/22/2016
Number of Days to Update: 113	Next Scheduled EDR Contact: 10/03/2016
	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: 04/06/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 04/14/2016	Telephone: 518-402-8705
Date Made Active in Reports: 06/17/2016	Last EDR Contact: 07/01/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Semi-Annually

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/15/2006	Telephone: 518-402-8694
Date Made Active in Reports: 11/30/2006	Last EDR Contact: 01/15/2016
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/02/2016
	Data Release Frequency: Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	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: 04/27/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/15/2016
	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: 07/20/2016
Number of Days to Update: 137	Next Scheduled EDR Contact: 10/07/2016
	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

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: 05/04/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 40

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 06/13/2016
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: 05/17/2016
Date Data Arrived at EDR: 05/19/2016
Date Made Active in Reports: 07/07/2016
Number of Days to Update: 49

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/19/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: Annually

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: 05/04/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 40

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/31/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/08/2016
Date Data Arrived at EDR: 02/10/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 41

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 08/01/2016
Next Scheduled EDR Contact: 08/22/2016
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/29/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/24/2015
Date Data Arrived at EDR: 06/26/2015
Date Made Active in Reports: 09/02/2015
Number of Days to Update: 68

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/28/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

SPILLS: Spills Information Database

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

Date of Government Version: 05/17/2016
Date Data Arrived at EDR: 05/19/2016
Date Made Active in Reports: 07/12/2016
Number of Days to Update: 54

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/19/2016
Next Scheduled EDR Contact: 08/29/2016
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/12/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 40	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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/07/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 63	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: 12/09/2015	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/02/2016	Telephone: (212) 637-3660
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 06/30/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Varies

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 06/10/2016
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/19/2016
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/15/2016
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/24/2016
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/15/2016
Next Scheduled EDR Contact: 10/24/2016
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: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/20/2016
Next Scheduled EDR Contact: 08/29/2016
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: 09/01/2015
Date Data Arrived at EDR: 09/03/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/18/2016
Next Scheduled EDR Contact: 08/29/2016
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.

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: 05/09/2016
Next Scheduled EDR Contact: 08/22/2016
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/12/2016
Next Scheduled EDR Contact: 08/22/2016
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/24/2016
Next Scheduled EDR Contact: 10/03/2016
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: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/24/2016
Next Scheduled EDR Contact: 09/05/2016
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: 07/25/2016
Next Scheduled EDR Contact: 11/07/2016
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/07/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Annually

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: 08/01/2015
Date Data Arrived at EDR: 08/26/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/25/2016
Next Scheduled EDR Contact: 11/07/2016
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/12/2016
Next Scheduled EDR Contact: 08/22/2016
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: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/15/2016
Next Scheduled EDR Contact: 10/24/2016
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: 01/23/2015
Date Data Arrived at EDR: 02/06/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 07/07/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: Quarterly

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: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
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: 05/20/2016
Next Scheduled EDR Contact: 09/05/2016
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2016
Date Data Arrived at EDR: 03/18/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 28

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 05/06/2016
Next Scheduled EDR Contact: 08/22/2016
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: 06/09/2016
Next Scheduled EDR Contact: 09/19/2016
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: 06/10/2016
Next Scheduled EDR Contact: 09/19/2016
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 07/29/2016
Next Scheduled EDR Contact: 11/07/2016
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.

Date of Government Version: 07/07/2015
Date Data Arrived at EDR: 07/09/2015
Date Made Active in Reports: 09/16/2015
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/07/2016
Next Scheduled EDR Contact: 10/17/2016
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/02/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

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: 12/31/2014
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/02/2015
Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/15/2016
Next Scheduled EDR Contact: 10/10/2016
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: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/27/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/15/2016
Next Scheduled EDR Contact: 10/24/2016
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: 03/11/2016
Date Data Arrived at EDR: 03/15/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 80

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/26/2016
Next Scheduled EDR Contact: 11/21/2016
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/23/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014
Date Data Arrived at EDR: 11/26/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/08/2016
Next Scheduled EDR Contact: 10/17/2016
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
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
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.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/10/2016
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/20/2015
Date Data Arrived at EDR: 10/27/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 69

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/10/2016
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: 02/09/2016
Date Data Arrived at EDR: 03/02/2016
Date Made Active in Reports: 04/15/2016
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/02/2016
Next Scheduled EDR Contact: 09/12/2016
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/03/2016
Next Scheduled EDR Contact: 09/12/2016
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: 06/03/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

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: 07/20/2015
Date Data Arrived at EDR: 09/09/2015
Date Made Active in Reports: 11/03/2015
Number of Days to Update: 55

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/19/2016
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: 03/01/2016
Date Data Arrived at EDR: 03/03/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/12/2016
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 06/20/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Varies

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 01/25/2016
Date Data Arrived at EDR: 02/16/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 07/25/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/06/2016
Date Data Arrived at EDR: 04/15/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 07/01/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 03/25/2016
Date Data Arrived at EDR: 04/12/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 66

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
Data Release Frequency: Varies

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: 03/14/2016
Date Data Arrived at EDR: 03/24/2016
Date Made Active in Reports: 04/20/2016
Number of Days to Update: 27

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 06/21/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 04/06/2016
Date Data Arrived at EDR: 04/08/2016
Date Made Active in Reports: 07/01/2016
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 07/01/2016
Next Scheduled EDR Contact: 10/17/2016
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: 12/01/2015
Date Data Arrived at EDR: 12/29/2015
Date Made Active in Reports: 02/11/2016
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 05/16/2016
Next Scheduled EDR Contact: 08/29/2016
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: 05/01/2016
Date Data Arrived at EDR: 05/06/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 42

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/03/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Annually

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: 05/03/2016
Date Data Arrived at EDR: 05/10/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 38

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 07/25/2016
Next Scheduled EDR Contact: 11/07/2016
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 06/06/2016
Date Data Arrived at EDR: 06/08/2016
Date Made Active in Reports: 07/01/2016
Number of Days to Update: 23

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 06/08/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/20/2015
Date Data Arrived at EDR: 09/23/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 103

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/22/2016
Next Scheduled EDR Contact: 10/03/2016
Data Release Frequency: Quarterly

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: 05/24/2016
Date Data Arrived at EDR: 05/25/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 49

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/25/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Historic Gas 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 Historic Dry 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.

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/10/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 193	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 05/18/2016	Source: Cortland County Health Department
Date Data Arrived at EDR: 05/24/2016	Telephone: 607-753-5035
Date Made Active in Reports: 07/01/2016	Last EDR Contact: 08/01/2016
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/14/2016
	Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 05/18/2016	Source: Cortland County Health Department
Date Data Arrived at EDR: 05/24/2016	Telephone: 607-753-5035
Date Made Active in Reports: 07/01/2016	Last EDR Contact: 08/01/2016
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/14/2016
	Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 04/22/2016	Source: Nassau County Health Department
Date Data Arrived at EDR: 04/26/2016	Telephone: 516-571-3314
Date Made Active in Reports: 06/17/2016	Last EDR Contact: 07/05/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: No Update Planned

Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011	Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011	Last EDR Contact: 08/01/2016
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/14/2016
	Data Release Frequency: Varies

Registered Tank Database in Nassau County

A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 04/22/2016	Source: Nassau County Department of Health
Date Data Arrived at EDR: 04/26/2016	Telephone: 516-227-9691
Date Made Active in Reports: 06/17/2016	Last EDR Contact: 07/05/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 10/17/2016
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 04/22/2016
Date Data Arrived at EDR: 04/26/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 52

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/05/2016
Next Scheduled EDR Contact: 10/17/2016
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
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: 08/01/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 04/12/2016
Date Data Arrived at EDR: 04/15/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 63

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/06/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 04/12/2016
Date Data Arrived at EDR: 04/15/2016
Date Made Active in Reports: 06/17/2016
Number of Days to Update: 63

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/06/2016
Next Scheduled EDR Contact: 09/19/2016
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 08/01/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 03/03/2015
Date Data Arrived at EDR: 03/10/2015
Date Made Active in Reports: 03/23/2015
Number of Days to Update: 13

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 08/01/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 02/19/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 27

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 08/01/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 02/19/2016
Date Data Arrived at EDR: 02/24/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 27

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 08/01/2016
Next Scheduled EDR Contact: 11/14/2016
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/13/2016
Next Scheduled EDR Contact: 08/29/2016
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/11/2016
Next Scheduled EDR Contact: 10/24/2016
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/24/2015
Date Made Active in Reports: 08/18/2015
Number of Days to Update: 25

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/18/2016
Next Scheduled EDR Contact: 10/31/2016
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/01/2016
Next Scheduled EDR Contact: 09/05/2016
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VT MANIFEST: Hazardous Waste Manifest Data Hazardous waste manifest information.

Date of Government Version: 05/02/2016
Date Data Arrived at EDR: 05/24/2016
Date Made Active in Reports: 07/13/2016
Number of Days to Update: 50

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/18/2016
Next Scheduled EDR Contact: 10/31/2016
Data Release Frequency: Annually

WI MANIFEST: Manifest Information Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/13/2016
Next Scheduled EDR Contact: 09/26/2016
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.

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 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

361203 PM
445 GERARD AVENUE
BRONX, NY 10451

TARGET PROPERTY COORDINATES

Latitude (North):	40.817546 - 40° 49' 3.17"
Longitude (West):	73.930094 - 73° 55' 48.34"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	590231.6
UTM Y (Meters):	4518842.5
Elevation:	21 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 principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

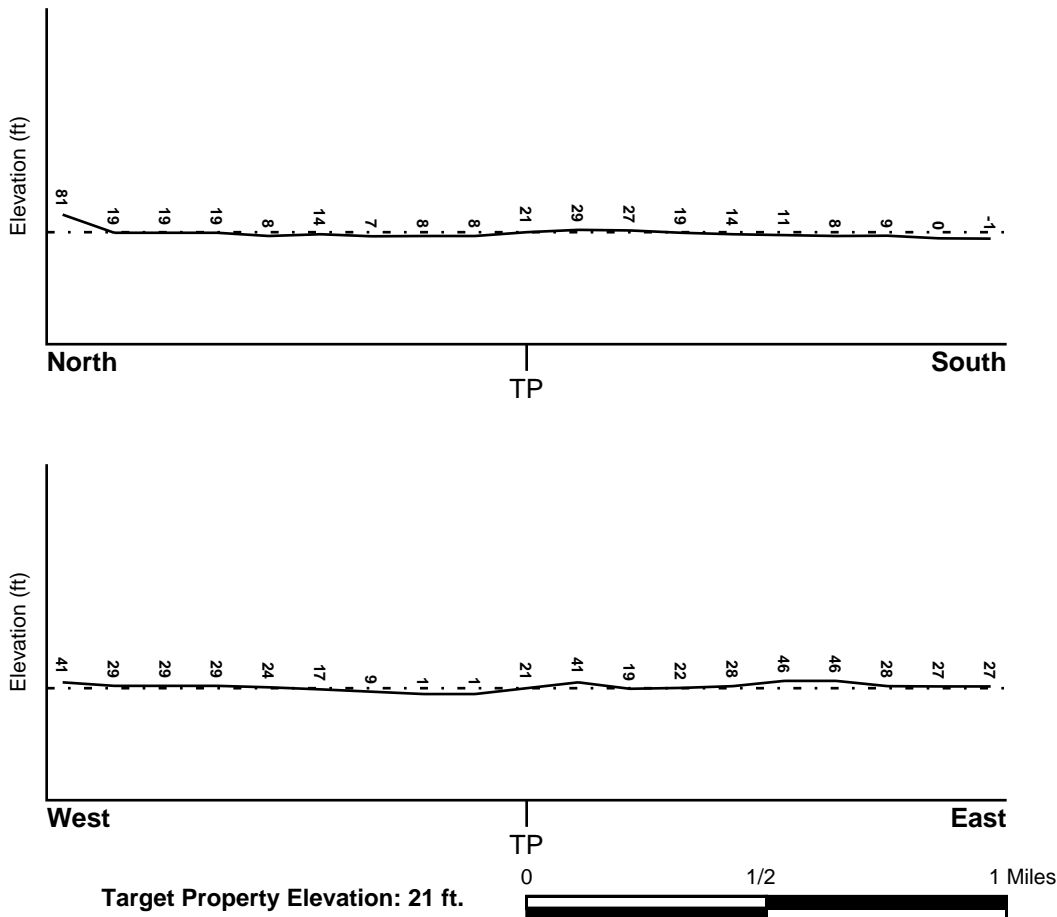
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General 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

Target Property County
BRONX, NY

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 3604970020B - FEMA Q3 Flood data

Additional Panels in search area:
360497 - FEMA DFIRM Flood data
3604970015B - FEMA Q3 Flood data
3604970021B - FEMA Q3 Flood data
3604970026B - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
CENTRAL PARK

NWI Electronic
Data Coverage
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</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>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 subordinator 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 0.001 miles
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	USGS40000833656	1/2 - 1 Mile East
5	USGS40000833928	1/2 - 1 Mile NNE
6	USGS40000833768	1/2 - 1 Mile WNW
7	USGS40000833375	1/2 - 1 Mile SSW
A8	USGS40000833669	1/2 - 1 Mile East
A9	USGS40000833668	1/2 - 1 Mile East
10	USGS40000833622	1/2 - 1 Mile East
11	USGS40000833342	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

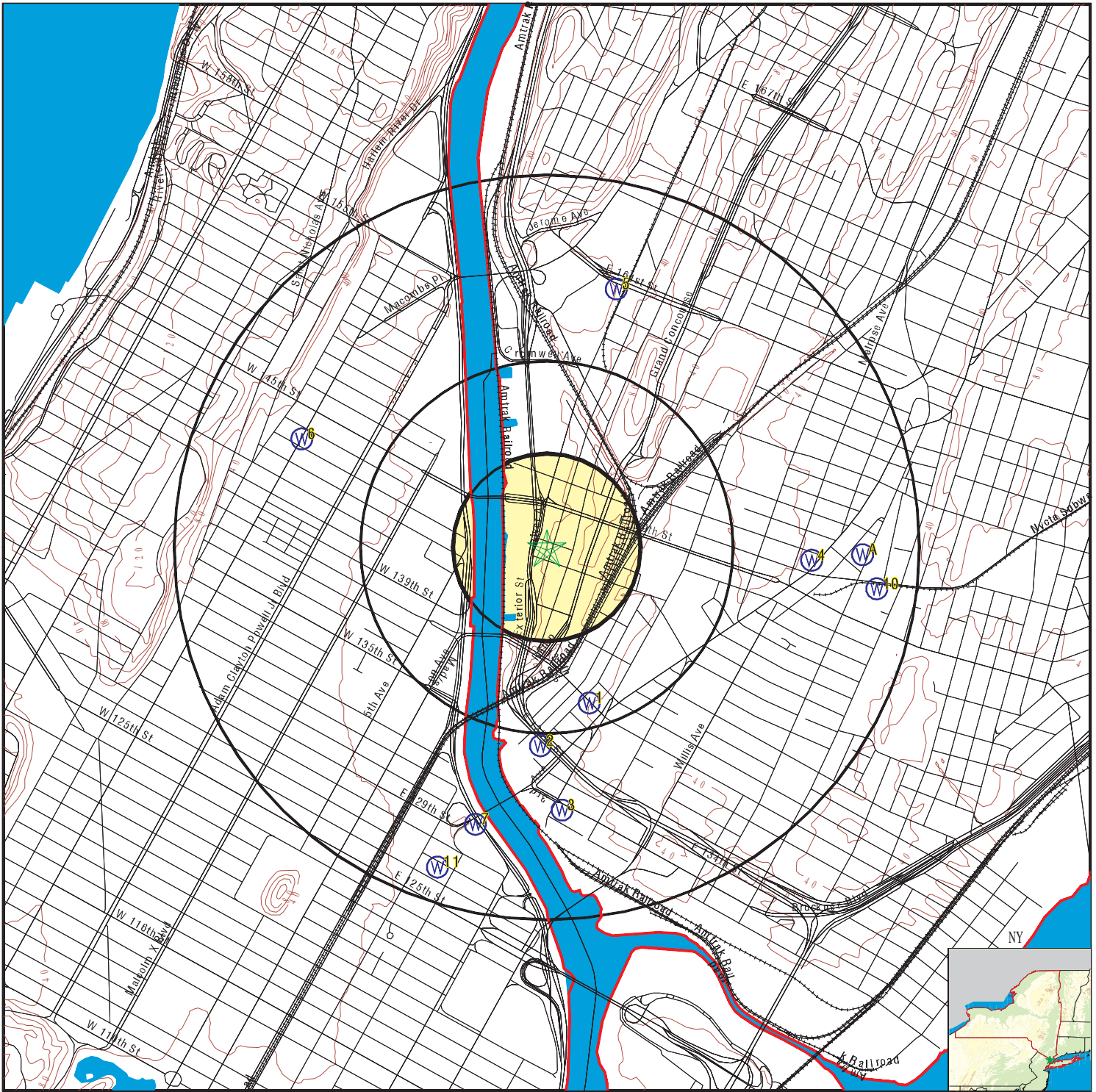
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

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 - 4692214.2s



- 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: 361203 PM
 ADDRESS: 445 Gerard Avenue
 Bronx NY 10451
 LAT/LONG: 40.817546 / 73.930094

CLIENT: AEI Consultants
 CONTACT: Michael Barry
 INQUIRY #: 4692214.2s
 DATE: August 04, 2016 2:10 pm

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

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404841073554201		
Monloc name:	B 49		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8114897
Longitude:	-73.9279149	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	225
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
South
1/2 - 1 Mile
Lower

FED USGS USGS40000833473

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404835073555101		
Monloc name:	B 65		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.809823
Longitude:	-73.930415	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	5
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	49
Construction date:	Not Reported	Wellholedepth:	Not Reported
Welldepth units:	ft		
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1951-10-22	8	

3
South
1/2 - 1 Mile
Lower

FED USGS USGS40000833387

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404826073554701		
Monloc name:	B 6		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8073231
Longitude:	-73.9293038	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Sand		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	36
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

4
East
1/2 - 1 Mile
Higher

FED USGS USGS40000833656

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404901073550101		
Monloc name:	B 54		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8170452
Longitude:	-73.9165257	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	133
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

5
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40000833928

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404939073553701		
Monloc name:	B 26		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8276005
Longitude:	-73.9265259	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Sand		
Aquifer type:	Not Reported		
Construction date:	19500200	Welldepth:	65
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1950-02	28	

6
WNW
1/2 - 1 Mile
Higher

FED USGS USGS40000833768

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404918073563501		
Monloc name:	NY 162		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8217673
Longitude:	-73.9426375	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	112
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

7
SSW
1/2 - 1 Mile
Lower

FED USGS USGS40000833375

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404824073560301		
Monloc name:	NY 150		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8067675
Longitude:	-73.9337484	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Bedrock		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	106
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A8
East
1/2 - 1 Mile
Higher

FED USGS USGS40000833669

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404902073545301		
Monloc name:	B 3		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8173229
Longitude:	-73.9143034	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	55
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A9
East
1/2 - 1 Mile
Higher

FED USGS USGS40000833668

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404902073545001		
Monloc name:	B 75. 1		
Monloc type:	Well		
Monloc desc:	East s/o Brook Ave., 376 ft n/o Westchester Ave.		
Huc code:	02030102	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8171979
Longitude:	-73.9135284	Sourcemap scale:	24000
Horiz Acc measure:	.01	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from Digital Map		
Horiz coord refsys:	NAD83	Vert measure val:	18
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	NAVD88	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Sand and Gravel		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Unconfined single aquifer	Welldepth:	25
Construction date:	20060810	Wellholeddepth:	25
Welldepth units:	ft		
Wellholeddepth units:	ft		

Ground-water levels, Number of Measurements: 0

**10
East
1/2 - 1 Mile
Higher**

FED USGS USGS40000833622

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404857073544901		
Monloc name:	B 12		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8159341
Longitude:	-73.9131922	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15
Vert measure units:	feet	Vertacc measure val:	10
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	222
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**11
SSW
1/2 - 1 Mile
Lower**

FED USGS USGS40000833342

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404818073561001		
Monloc name:	NY 82		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	Not Reported	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	40.8051009
Longitude:	-73.9356929	Sourcemap scale:	24000
Horiz Acc measure:	3	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Sand and gravel aquifers (glaciated regions)		
Formation type:	Sand		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported
Construction date: Not Reported
Welldepth units: ft
Wellholedepth units: Not Reported

Welldepth: 30
Wellholedepth: Not Reported

Ground-water levels, Number of Measurements: 0

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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 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

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

HISTORICAL SOURCES



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 1924

445 Gerard Avenue, Bronx, New York 10451

Project Number: 361203

AEI
Consultants



Legend

Approximate Property Boundary 

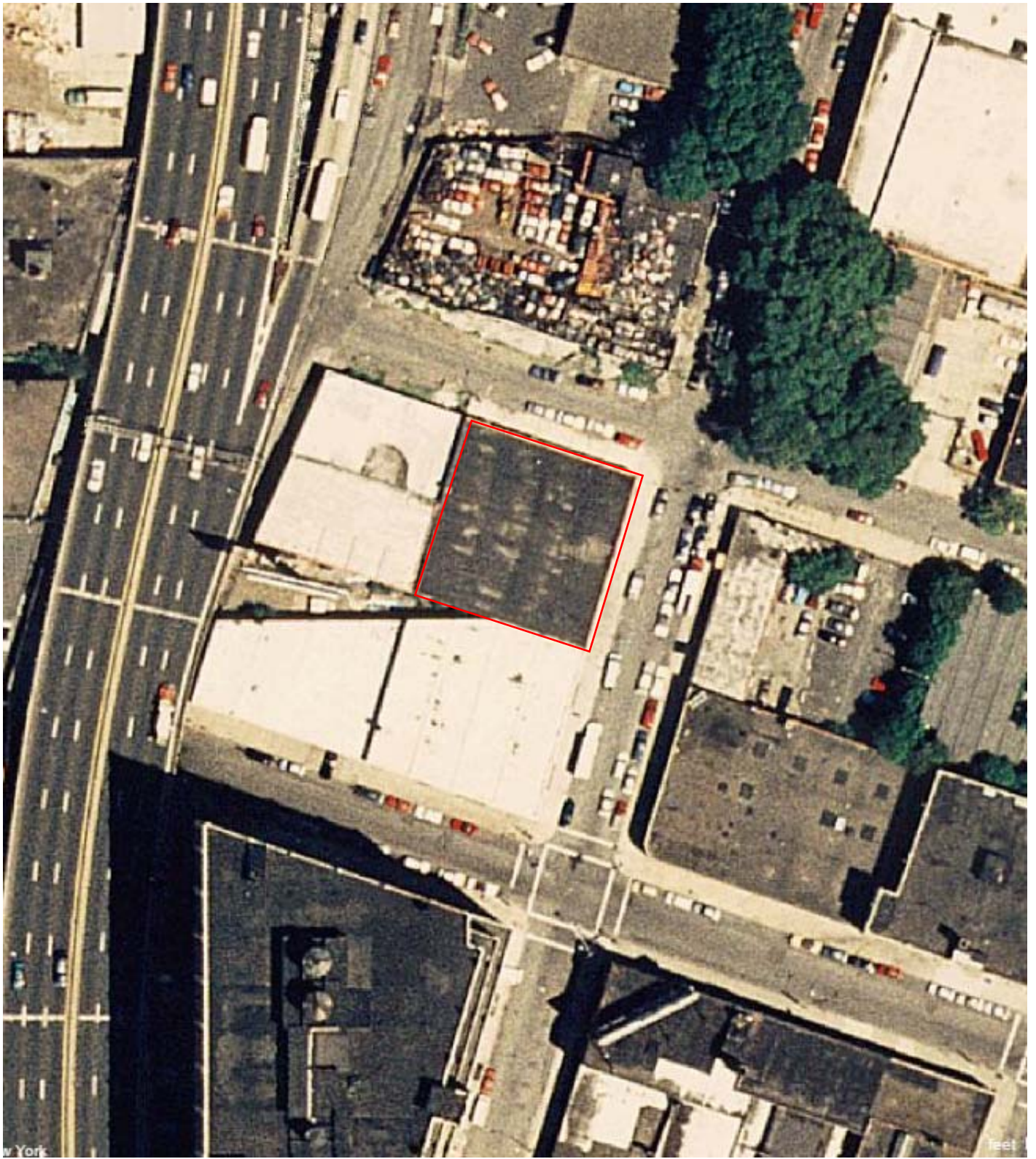


AERIAL PHOTOGRAPH - 1951

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Project Number: 361203

AEI
Consultants



Legend

Approximate Property Boundary 

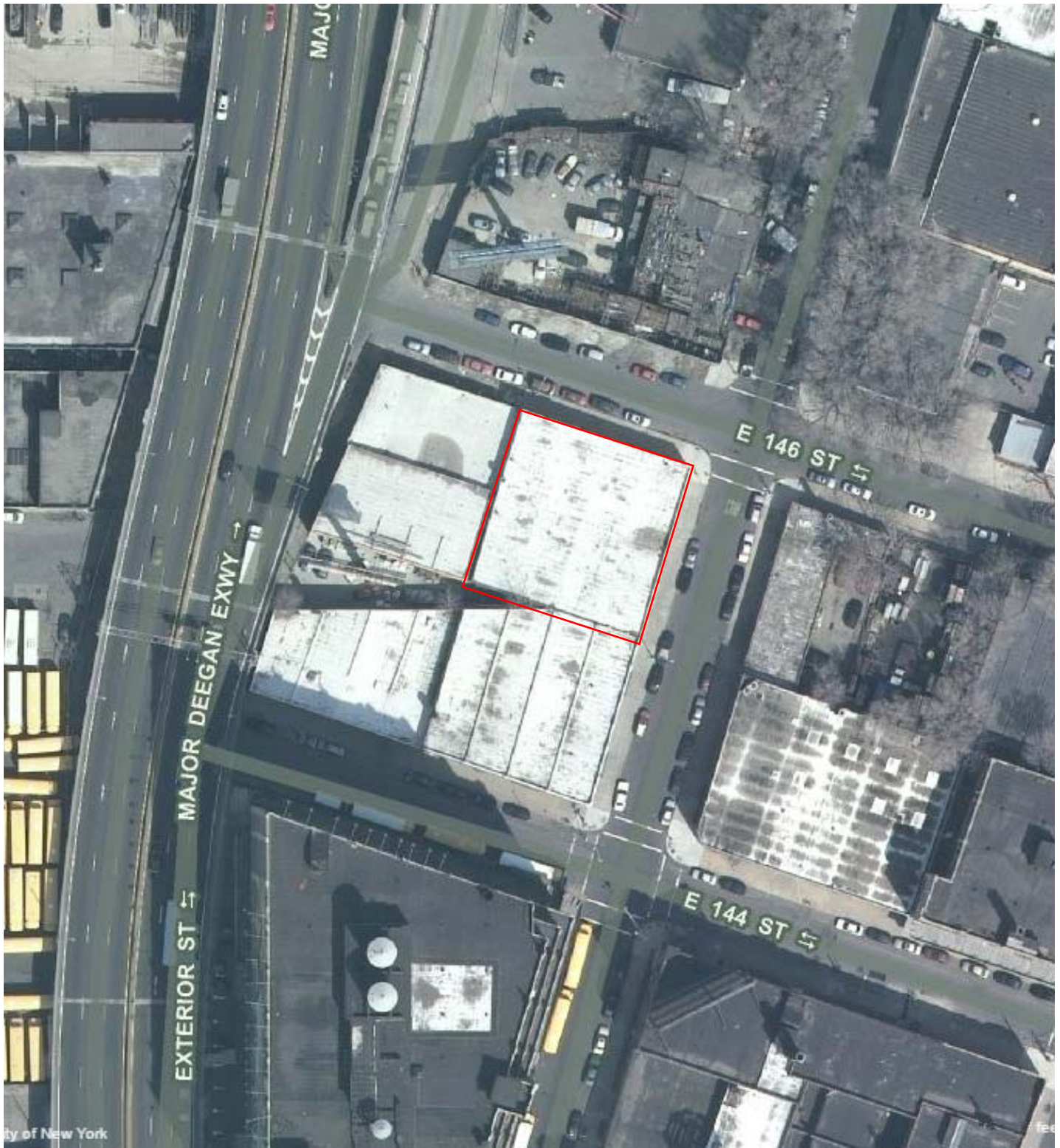


AERIAL PHOTOGRAPH - 1996

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Project Number: 361203

AEI
Consultants



Legend

Approximate Property Boundary —

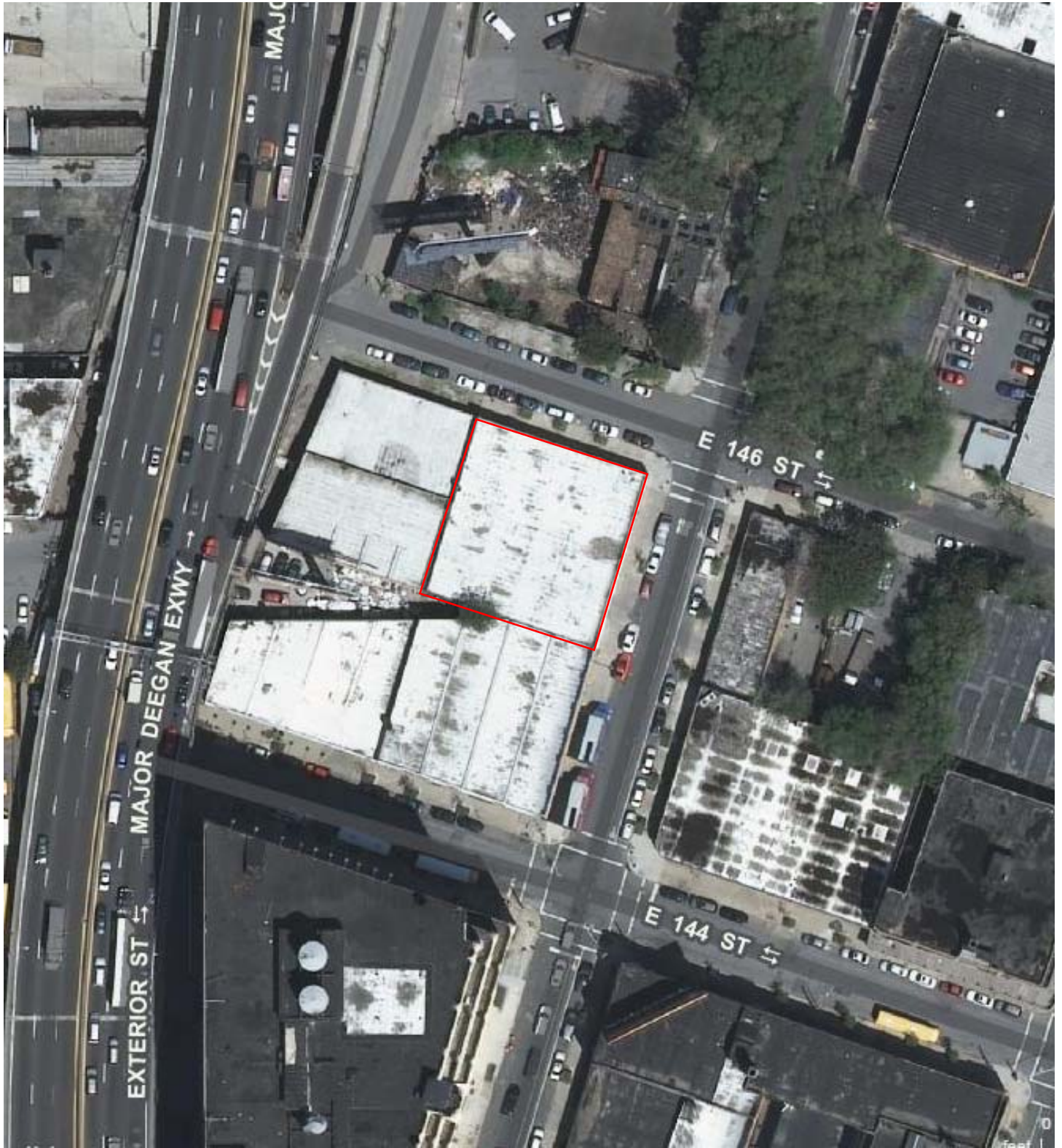


AERIAL PHOTOGRAPH - 2006

445 Gerard Avenue, Bronx, New York 10451

Project Number: 361203

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 2008

445 Gerard Avenue, Bronx, New York 10451

Project Number: 361203

AEI
Consultants



Legend

Approximate Property Boundary 

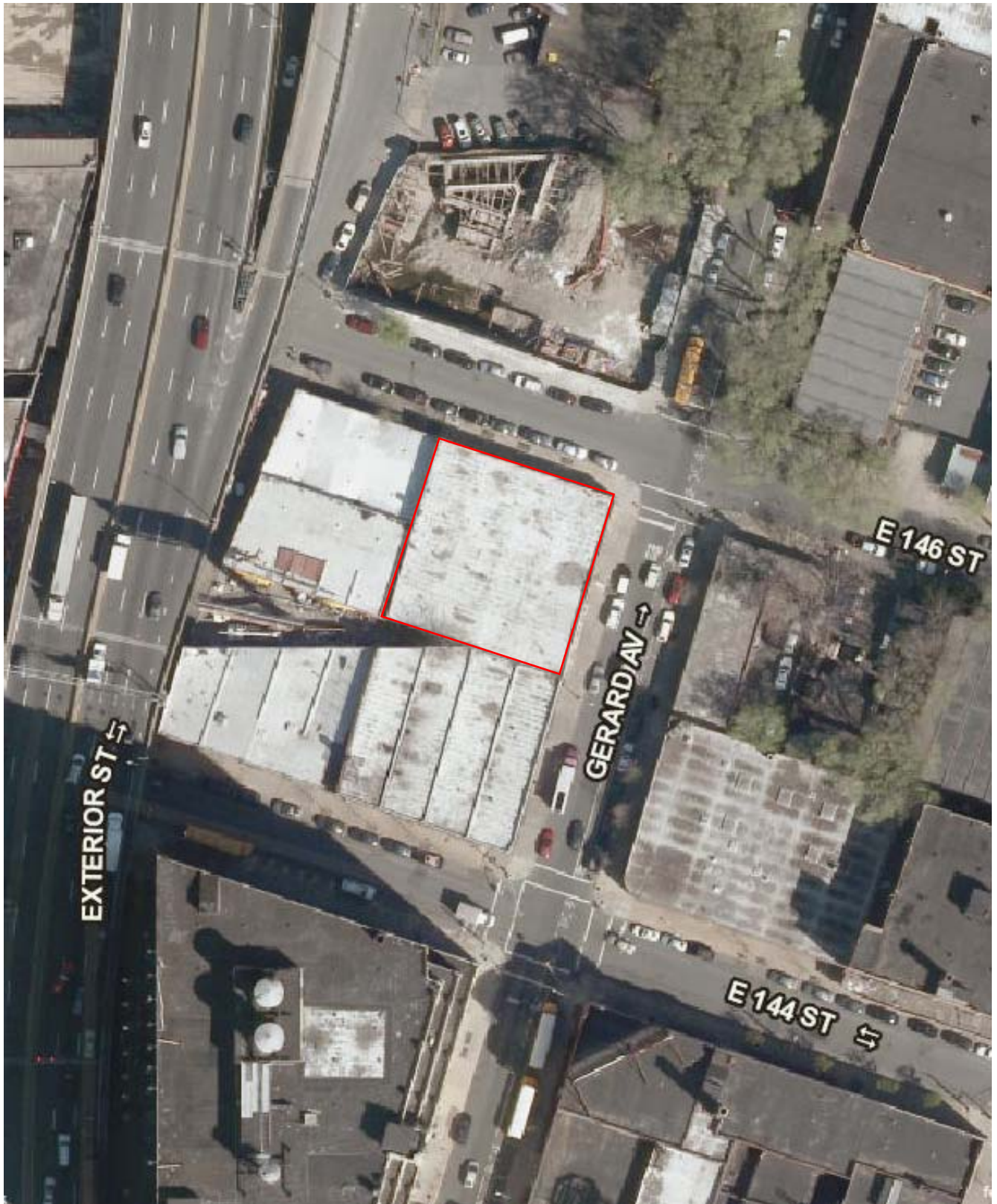


AERIAL PHOTOGRAPH - 2010

445 Gerard Avenue, Bronx, New York 10451

Project Number: 361203

AEI
Consultants



Legend

Approximate Property Boundary 



AERIAL PHOTOGRAPH - 2012

445 Gerard Avenue, Bronx, New York 10451

Project Number: 361203

AEI
Consultants

361203 PM
445 Gerard Avenue
Bronx, NY 10451

Inquiry Number: 4692214.3
August 04, 2016

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

08/04/16

Site Name:

361203 PM
445 Gerard Avenue
Bronx, NY 10451
EDR Inquiry # 4692214.3

Client Name:

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94597
Contact: Michael Barry



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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 1EB6-4F8B-9E2C

PO # 114291

Project 361203 PM

Maps Provided:

2007	1996	1984	1944
2006	1995	1981	1935
2005	1994	1980	1908
2004	1993	1978	1891
2003	1992	1977	
2002	1991	1951	
2001	1989	1947	
1998	1986	1946	



Sanborn® Library search results

Certification #: 1EB6-4F8B-9E2C

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

The Sanborn Library LLC Since 1866™

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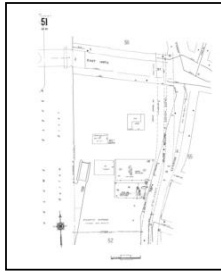
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Sanborn Sheet Key

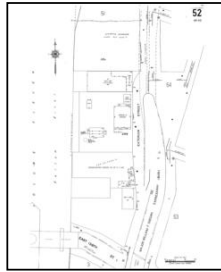
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



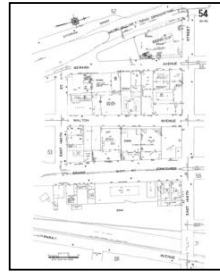
2007 Source Sheets



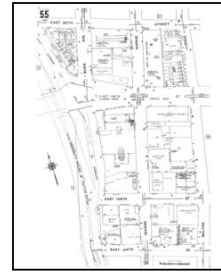
Volume 9N, Sheet 51
2007



Volume 9N, Sheet 52
2007

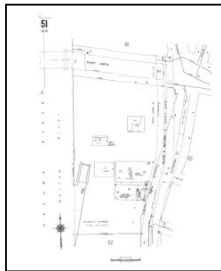


Volume 9N, Sheet 54
2007

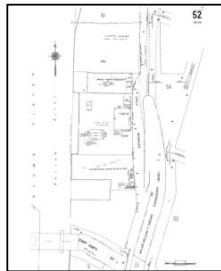


Volume 9N, Sheet 55
2007

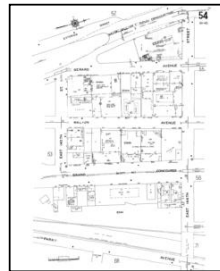
2006 Source Sheets



Volume 9N, Sheet 51
2006



Volume 9N, Sheet 52
2006

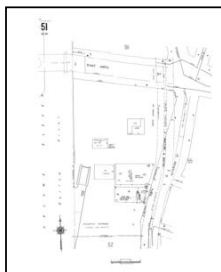


Volume 9N, Sheet 54
2006



Volume 9N, Sheet 55
2006

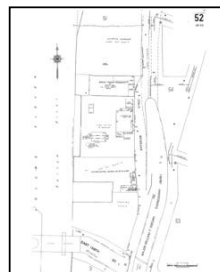
2005 Source Sheets



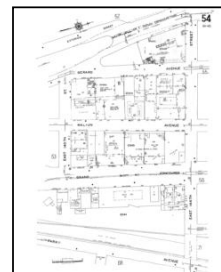
Volume 9N, Sheet 51
2005



Volume 9N, Sheet 55
2005

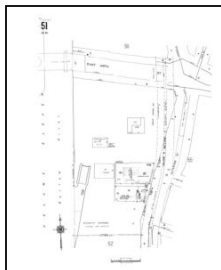


Volume 9N, Sheet 52
2005

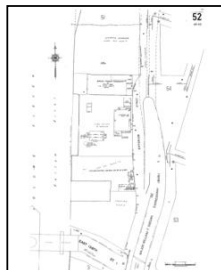


Volume 9N, Sheet 54
2005

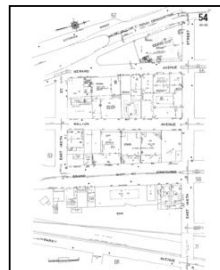
2004 Source Sheets



Volume 9N, Sheet 51
2004



Volume 9N, Sheet 52
2004



Volume 9N, Sheet 54
2004



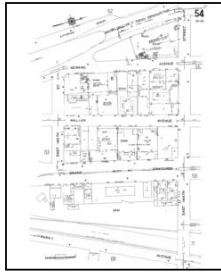
Volume 9N, Sheet 55
2004

Sanborn Sheet Key

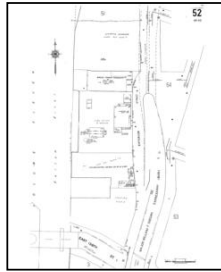
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2003 Source Sheets



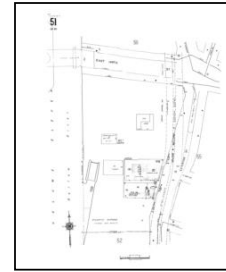
Volume 9N, Sheet 54
2003



Volume 9N, Sheet 52
2003

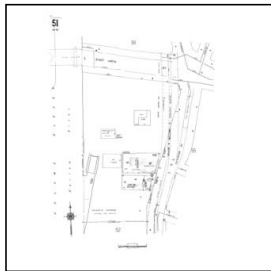


Volume 9N, Sheet 55
2003

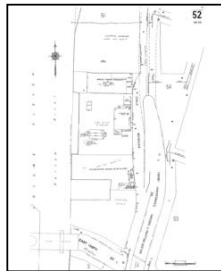


Volume 9N, Sheet 51
2003

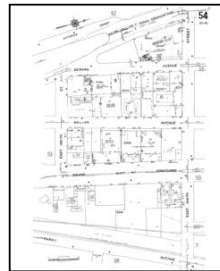
2002 Source Sheets



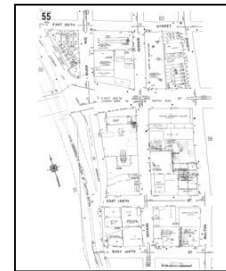
Volume 9N, Sheet 51
2002



Volume 9N, Sheet 52
2002

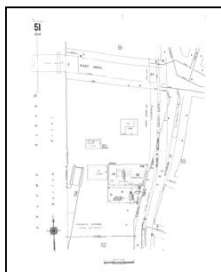


Volume 9N, Sheet 54
2002

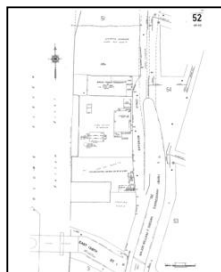


Volume 9N, Sheet 55
2002

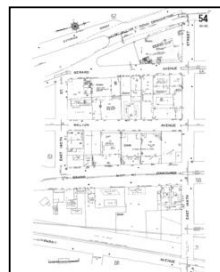
2001 Source Sheets



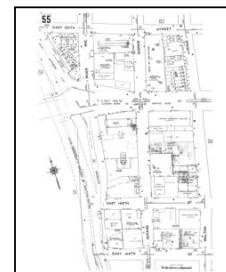
Volume 9N, Sheet 51
2001



Volume 9N, Sheet 52
2001

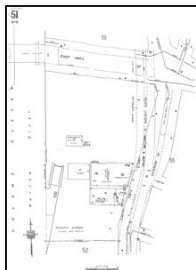


Volume 9N, Sheet 54
2001

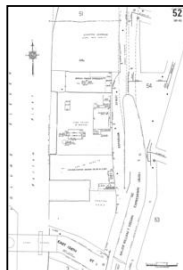


Volume 9N, Sheet 55
2001

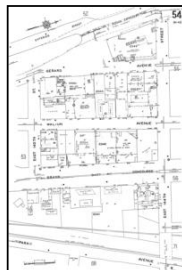
1998 Source Sheets



Volume 9N, Sheet 51
1998



Volume 9N, Sheet 52
1998



Volume 9N, Sheet 54
1998



Volume 9N, Sheet 55
1998

Sanborn Sheet Key

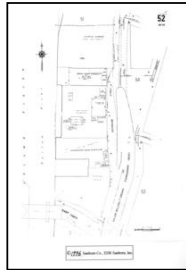
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1996 Source Sheets



Volume 9N, Sheet 51
1996



Volume 9N, Sheet 52
1996



Volume 9N, Sheet 54
1996



Volume 9N, Sheet 55
1996

1995 Source Sheets



Volume 9N, Sheet 55
1995



Volume 9N, Sheet 51
1995



Volume 9N, Sheet 52
1995

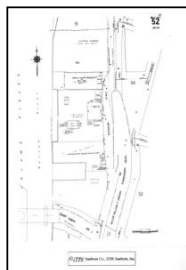


Volume 9N, Sheet 54
1995

1994 Source Sheets



Volume 9N, Sheet 51
1994



Volume 9N, Sheet 52
1994

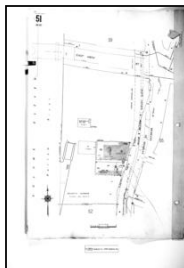


Volume 9N, Sheet 54
1994



Volume 9N, Sheet 55
1994

1993 Source Sheets



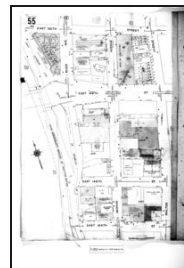
Volume 9N, Sheet 51
1993



Volume 9N, Sheet 52
1993



Volume 9N, Sheet 54
1993



Volume 9N, Sheet 55
1993

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



1992 Source Sheets



Volume 9N, Sheet 51
1992



Volume 9N, Sheet 52
1992



Volume 9N, Sheet 54
1992

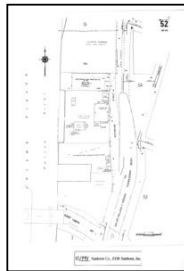


Volume 9N, Sheet 55
1992

1991 Source Sheets



Volume 9N, Sheet 51
1991



Volume 9N, Sheet 52
1991

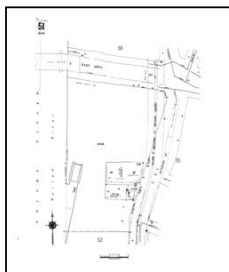


Volume 9N, Sheet 54
1991

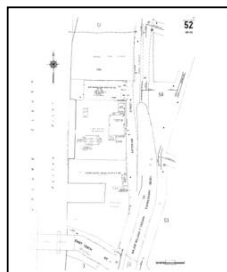


Volume 9N, Sheet 55
1991

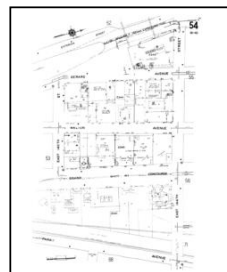
1989 Source Sheets



Volume 9N, Sheet 51
1989



Volume 9N, Sheet 52
1989

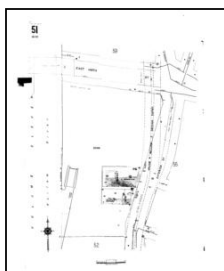


Volume 9N, Sheet 54
1989

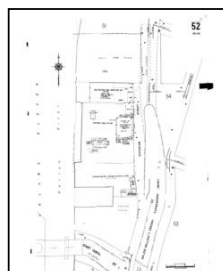


Volume 9N, Sheet 55
1989

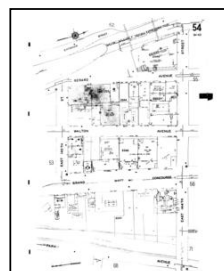
1986 Source Sheets



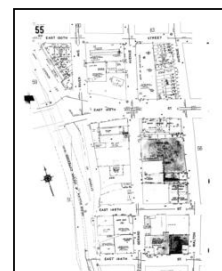
Volume 9N, Sheet 51
1986



Volume 9N, Sheet 52
1986



Volume 9N, Sheet 54
1986



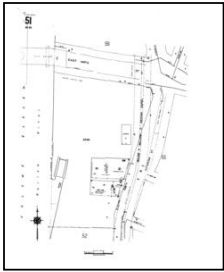
Volume 9N, Sheet 55
1986

Sanborn Sheet Key

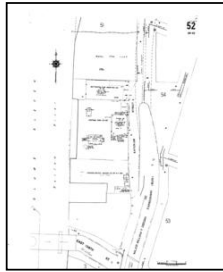
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1984 Source Sheets



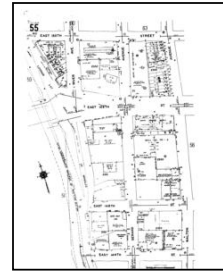
Volume 9N, Sheet 51
1984



Volume 9N, Sheet 52
1984



Volume 9N, Sheet 54
1984

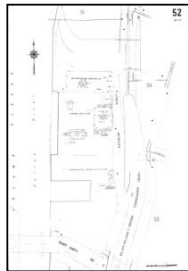


Volume 9N, Sheet 55
1984

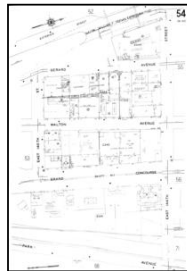
1981 Source Sheets



Volume 9N, Sheet 51
1981



Volume 9N, Sheet 52
1981

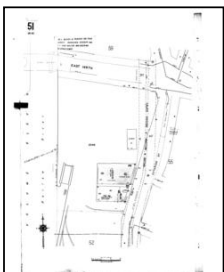


Volume 9N, Sheet 54
1981

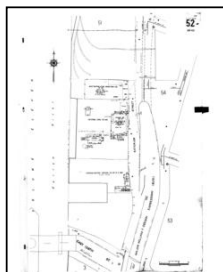


Volume 9N, Sheet 55
1981

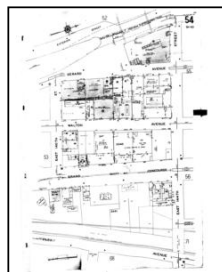
1980 Source Sheets



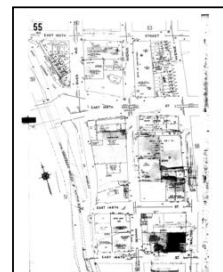
Volume 9N, Sheet 51
1980



Volume 9N, Sheet 52
1980

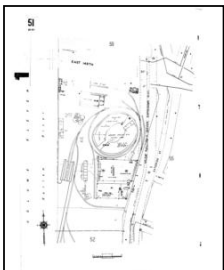


Volume 9N, Sheet 54
1980

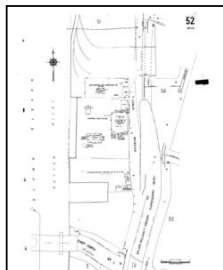


Volume 9N, Sheet 55
1980

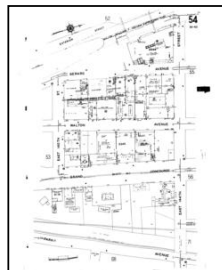
1978 Source Sheets



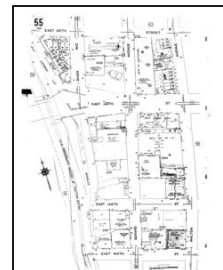
Volume 9N, Sheet 51
1978



Volume 9N, Sheet 52
1978



Volume 9N, Sheet 54
1978



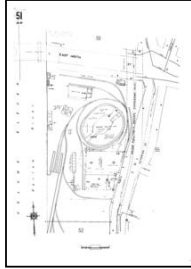
Volume 9N, Sheet 55
1978

Sanborn Sheet Key

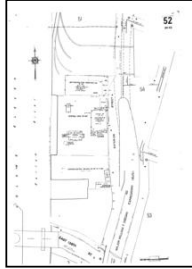
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Volume 9N, Sheet 51
1977



Volume 9N, Sheet 52
1977



Volume 9N, Sheet 54
1977

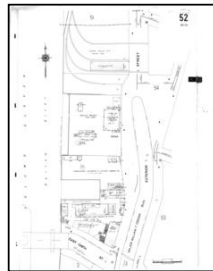


Volume 9N, Sheet 55
1977

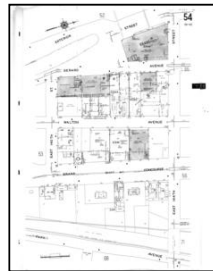
1951 Source Sheets



Volume 9N, Sheet 51
1951



Volume 9N, Sheet 52
1951



Volume 9N, Sheet 54
1951



Volume 9N, Sheet 55
1951

1947 Source Sheets



Volume 9N, Sheet 51
1947



Volume 9N, Sheet 55
1947

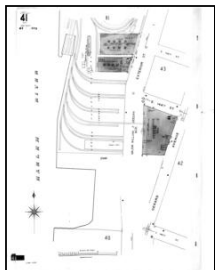


Volume 9N, Sheet 52
1947

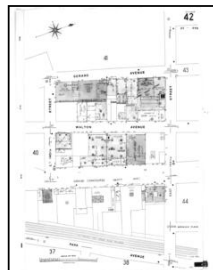


Volume 9N, Sheet 54
1947

1946 Source Sheets



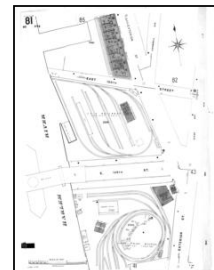
Volume 9, Sheet 41
1946



Volume 9, Sheet 42
1946



Volume 9, Sheet 43
1946



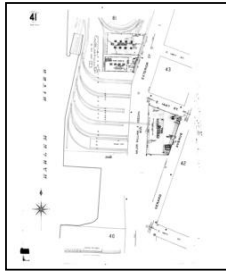
Volume 9, Sheet 81
1946

Sanborn Sheet Key

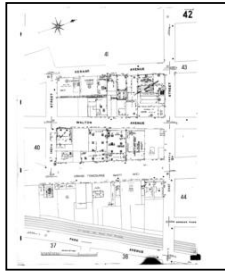
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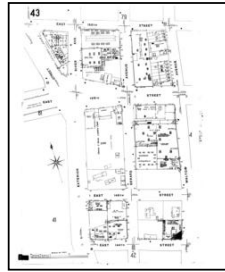
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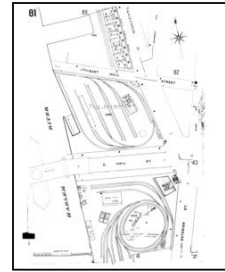
Volume 9, Sheet 41
1944



Volume 9, Sheet 42
1944

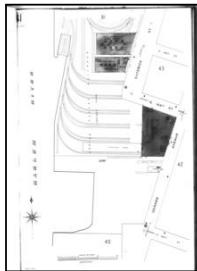


Volume 9, Sheet 43
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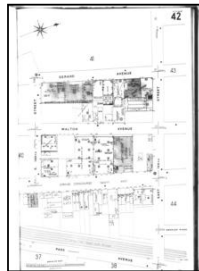


Volume 9, Sheet 81
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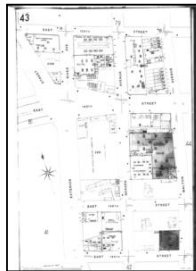
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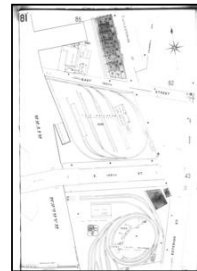
Volume 9, Sheet 41
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Volume 9, Sheet 42
1935



Volume 9, Sheet 43
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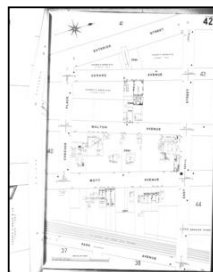


Volume 9, Sheet 81
1935

1908 Source Sheets



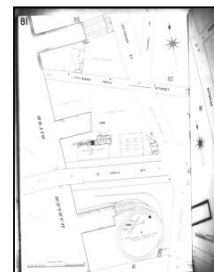
Volume 9, Sheet 41
1908



Volume 9, Sheet 42
1908



Volume 9, Sheet 43
1908

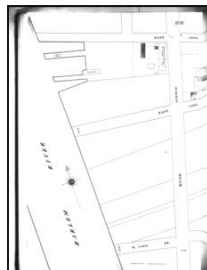


Volume 9, Sheet 81
1908

1891 Source Sheets



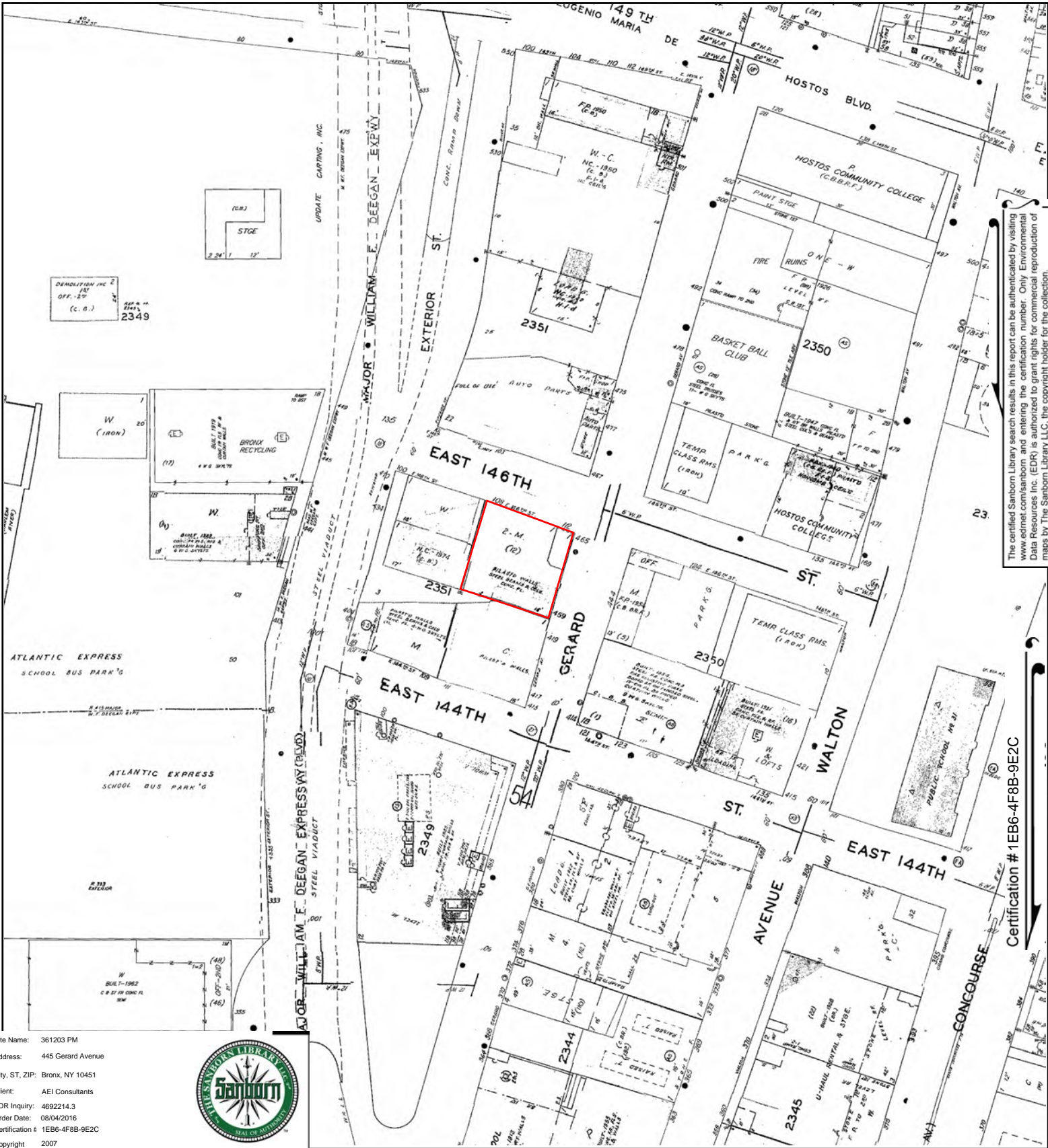
Volume 9, Sheet 194
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Volume 9, Sheet 205
1891



Volume 9, Sheet 205
1891

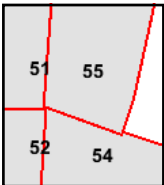
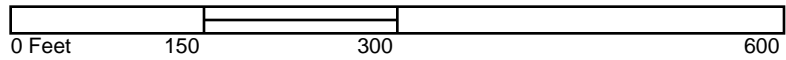


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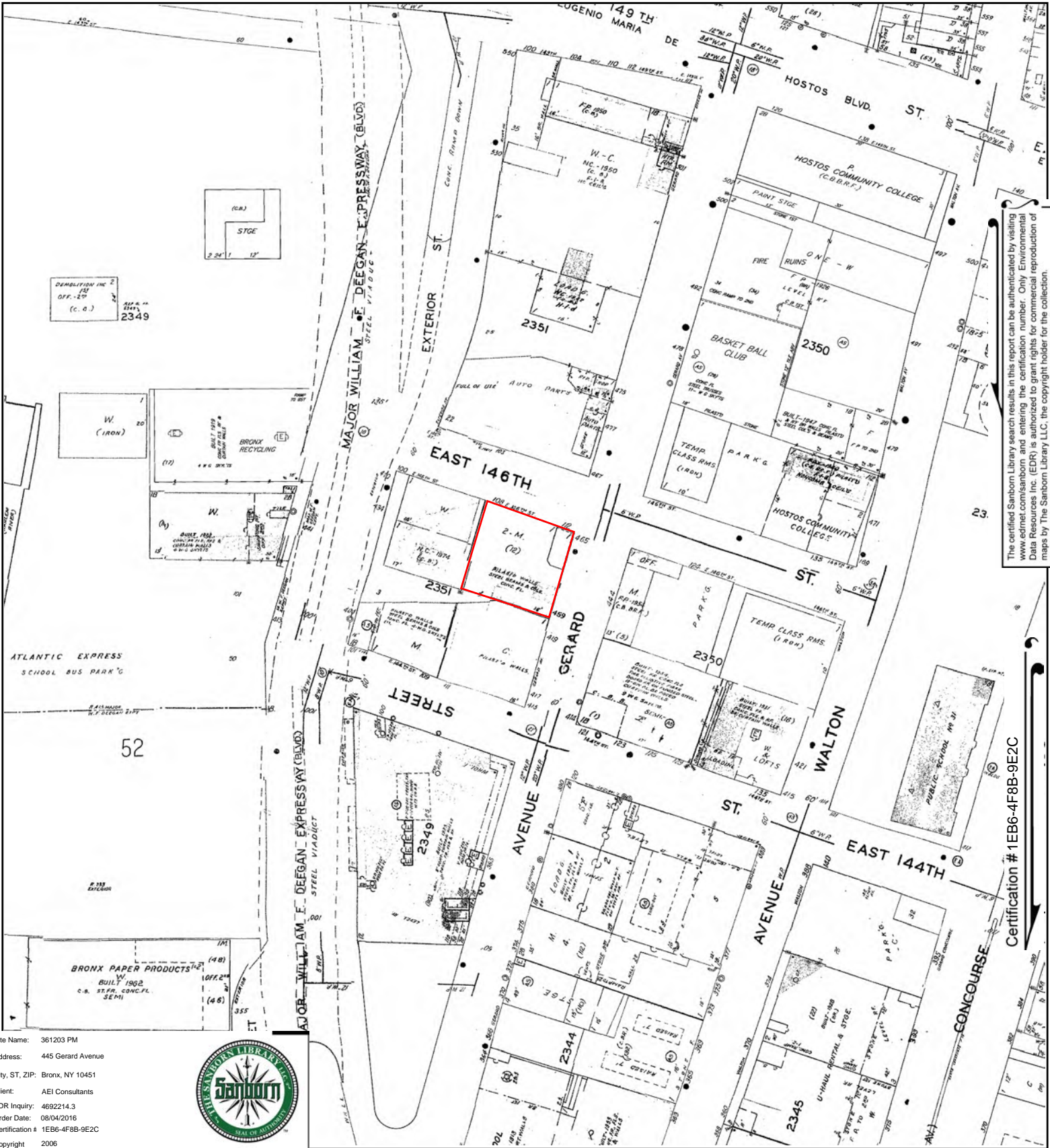


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 Volume 9N, Sheet 52
 Volume 9N, Sheet 51





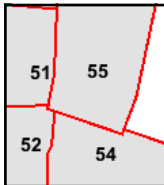
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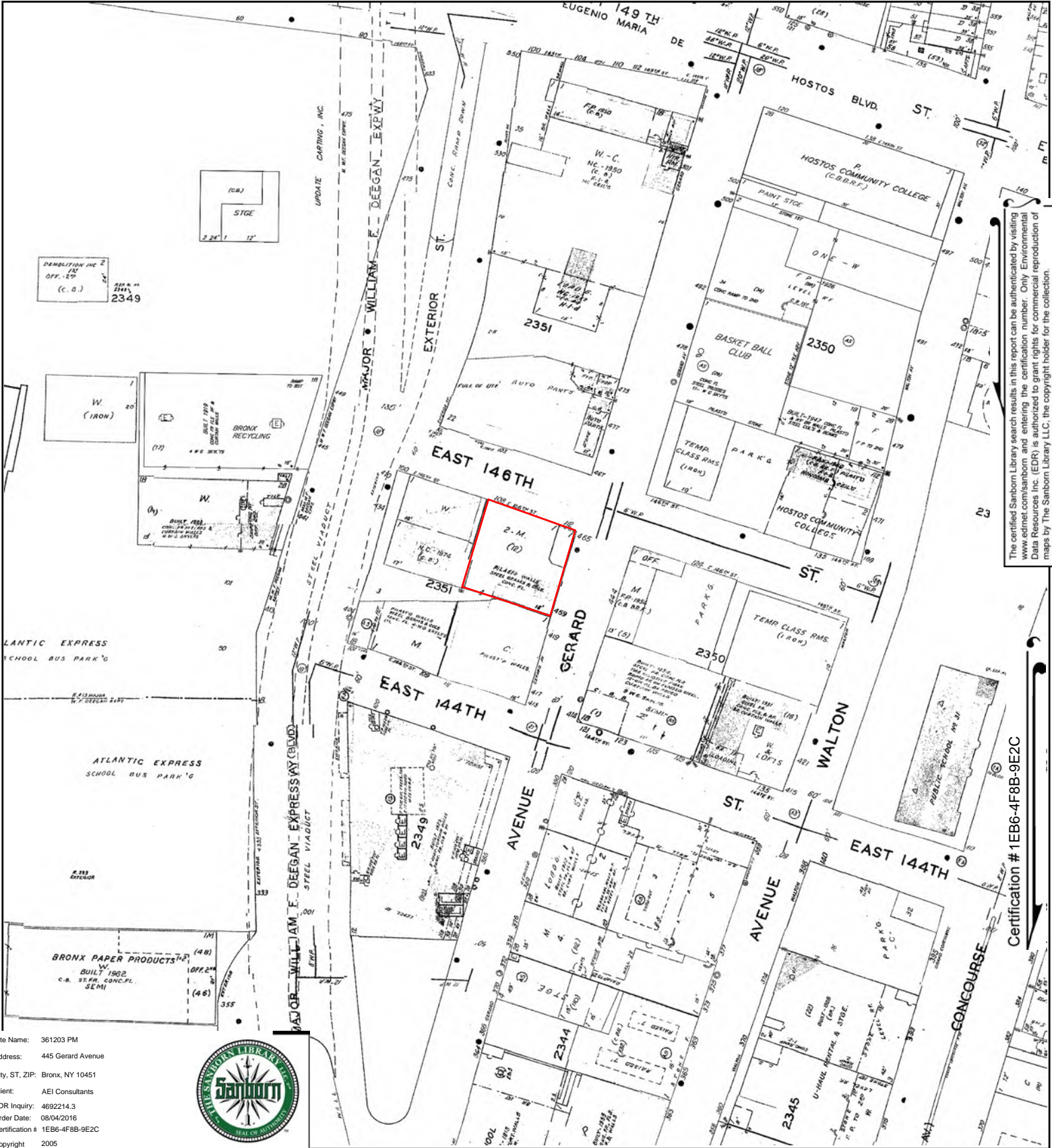


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Volume 9N, Sheet 55
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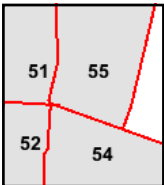
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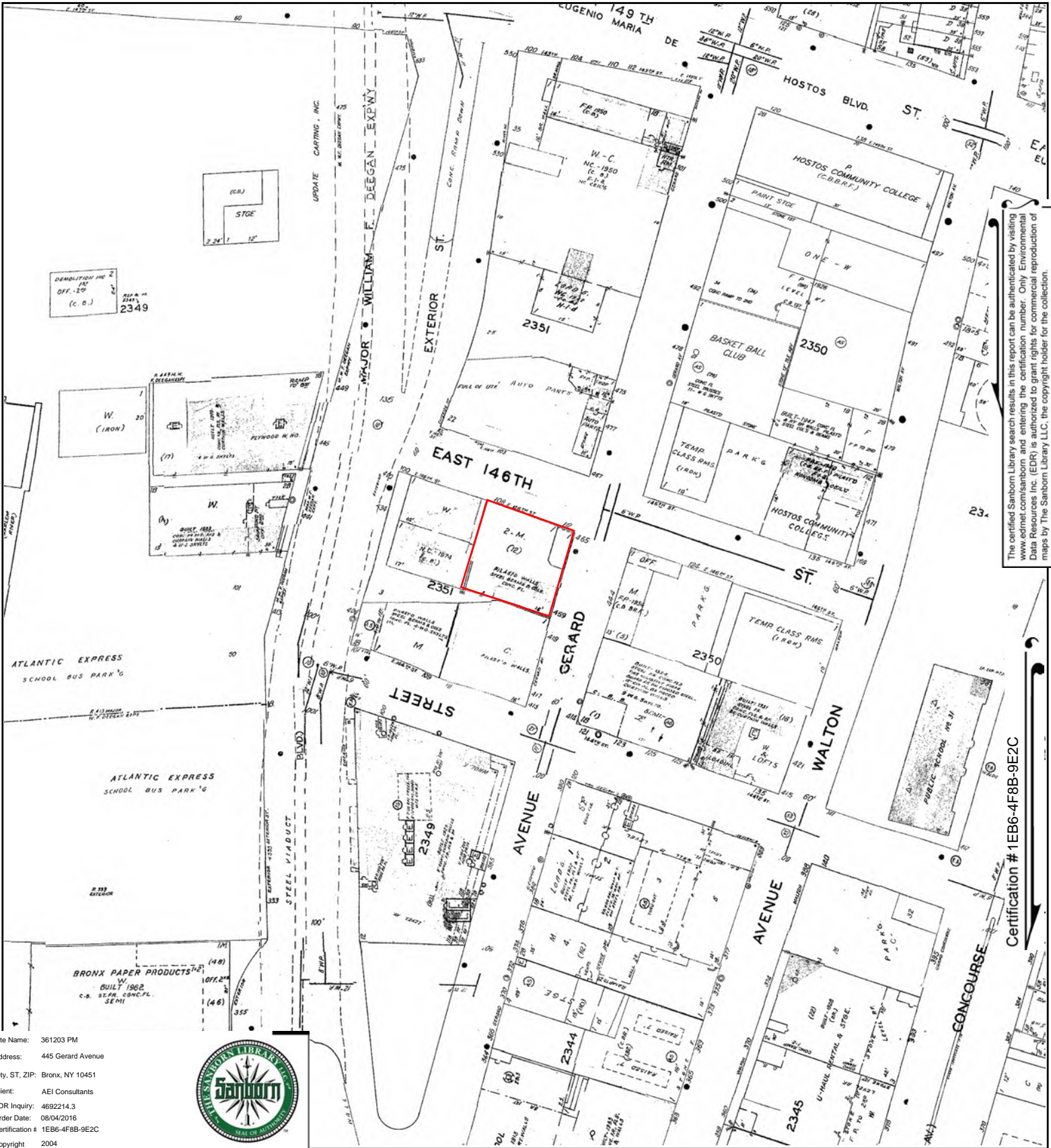


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Volume 9N, Sheet 54
 Volume 9N, Sheet 52
 Volume 9N, Sheet 55
 Volume 9N, Sheet 51





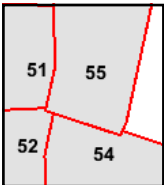
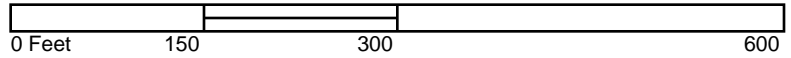
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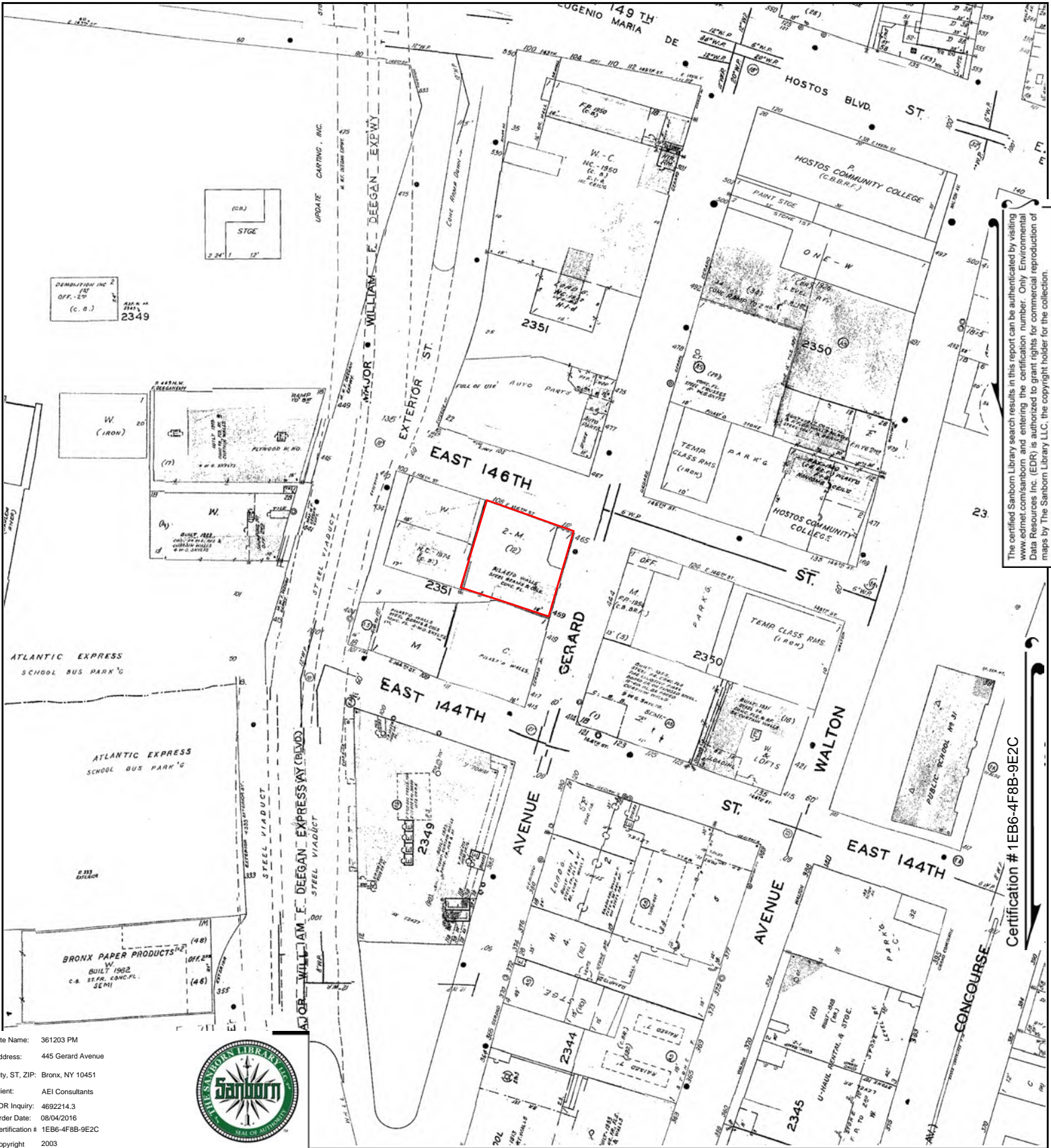


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 Volume 9N, Sheet 52
 Volume 9N, Sheet 51





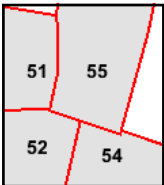
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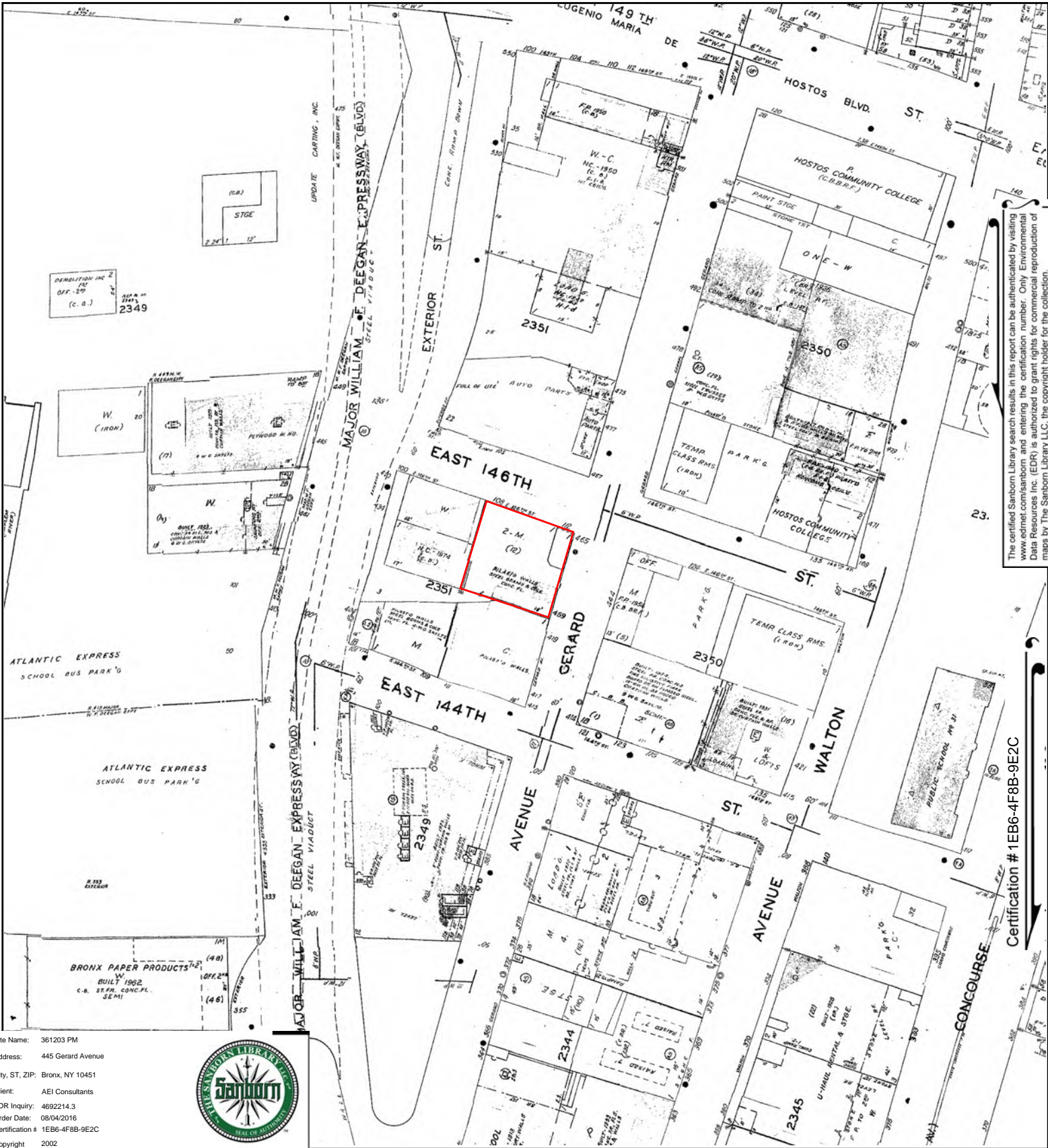


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Volume 9N, Sheet 51
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 Volume 9N, Sheet 52
 Volume 9N, Sheet 54





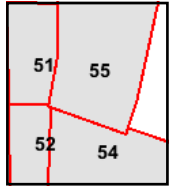
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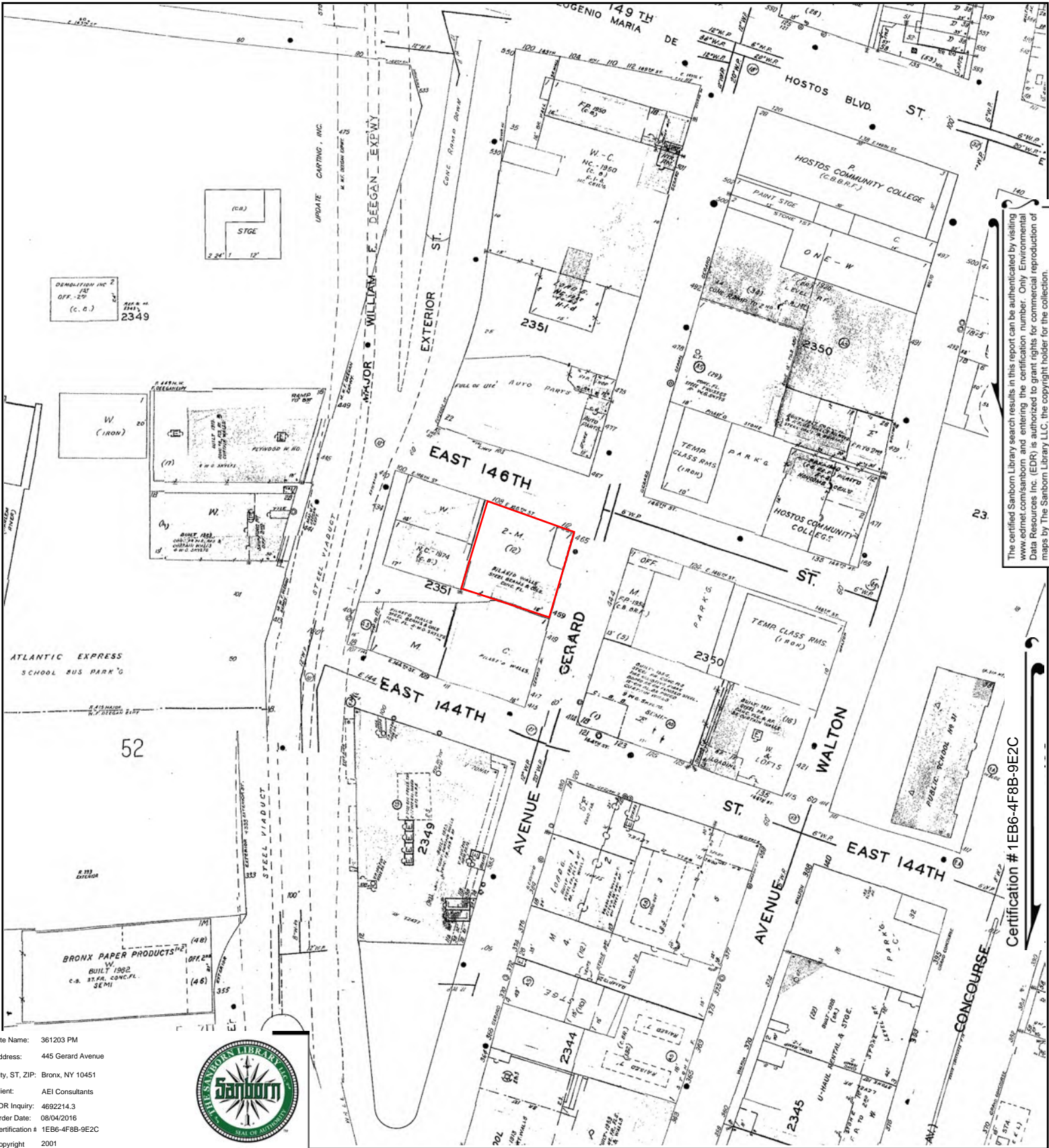


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 Volume 9N, Sheet 51





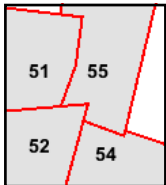
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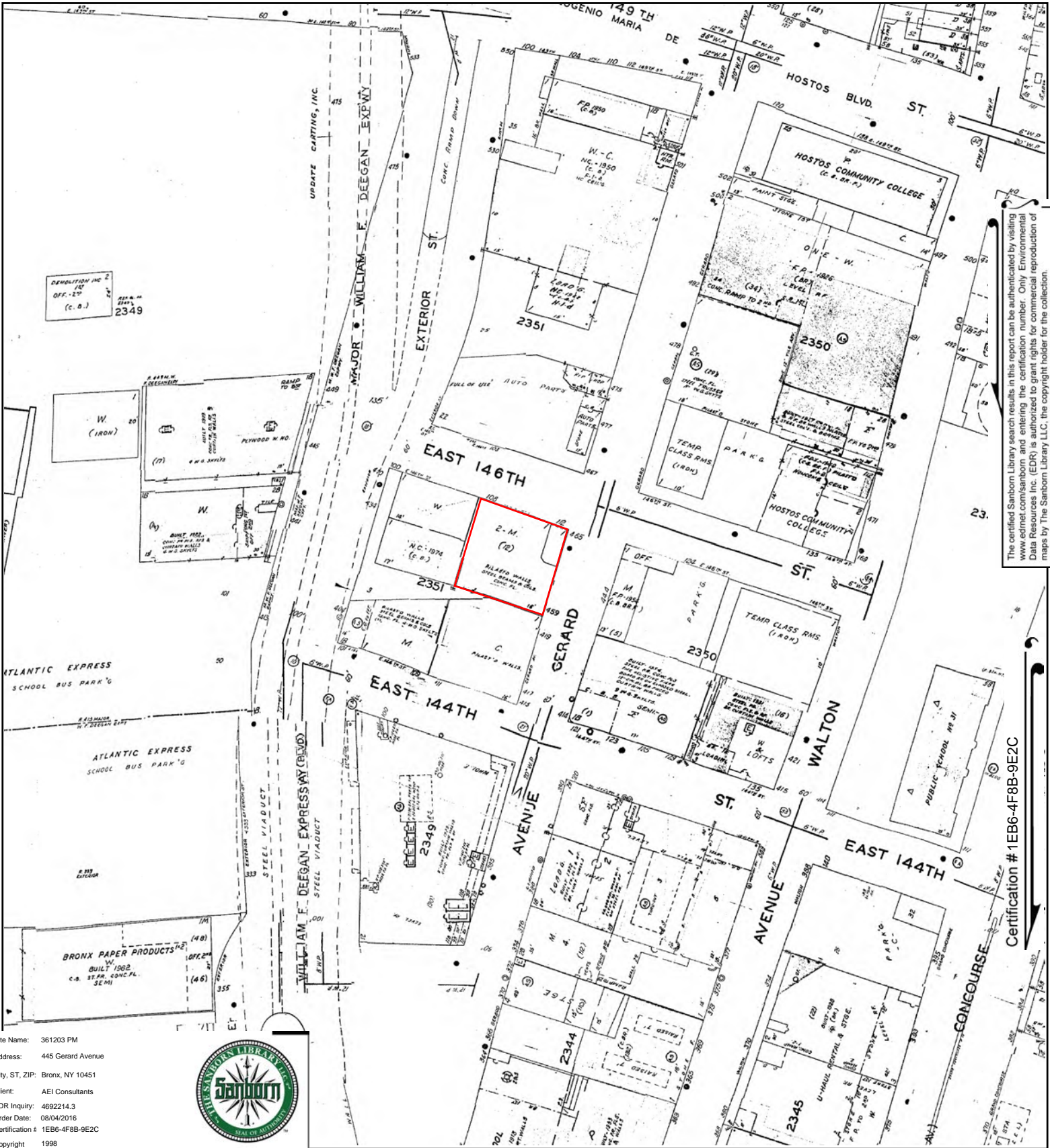


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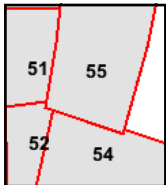
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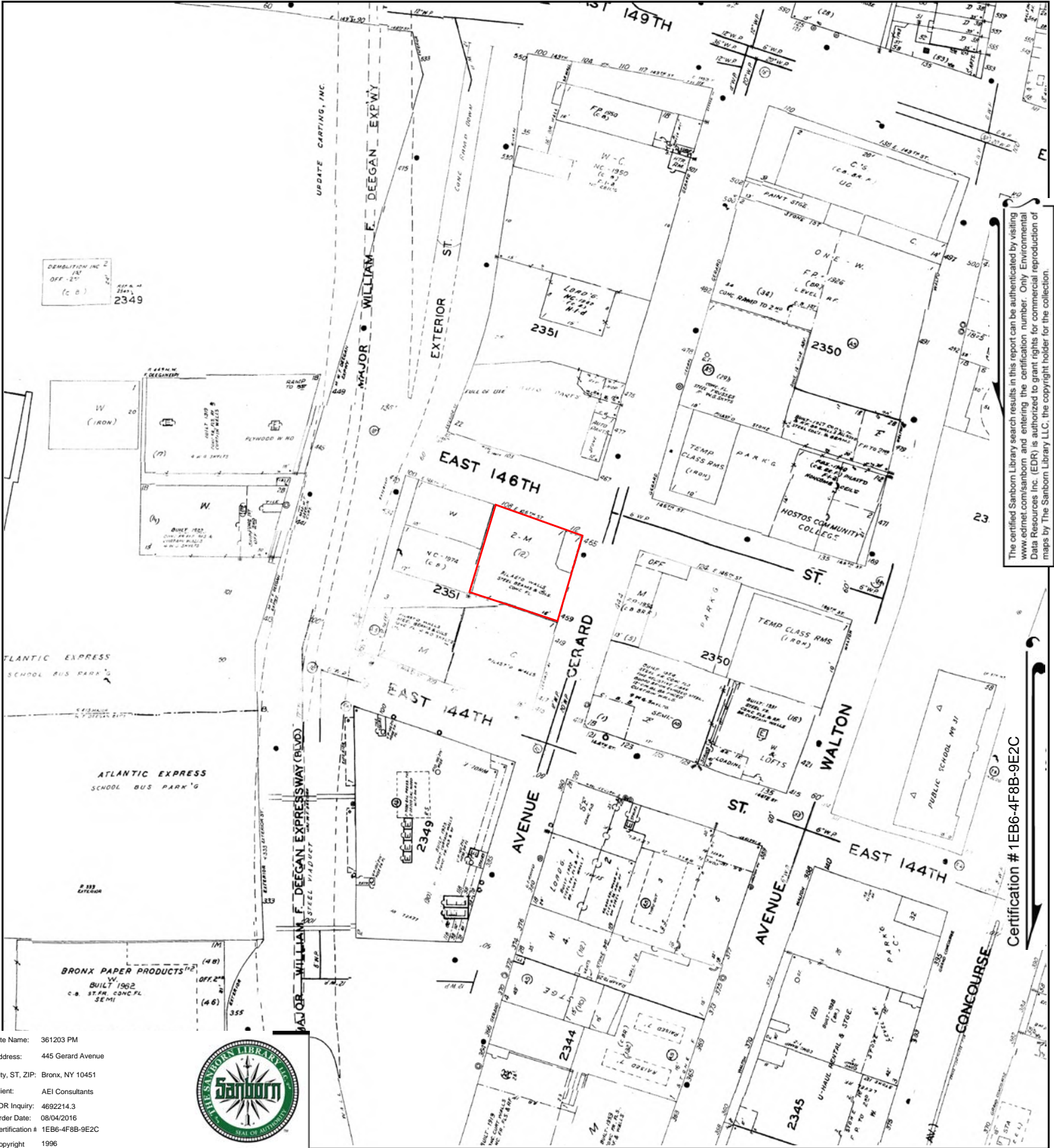
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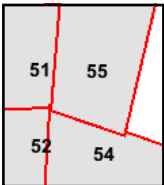
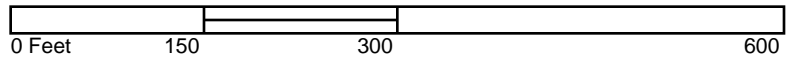


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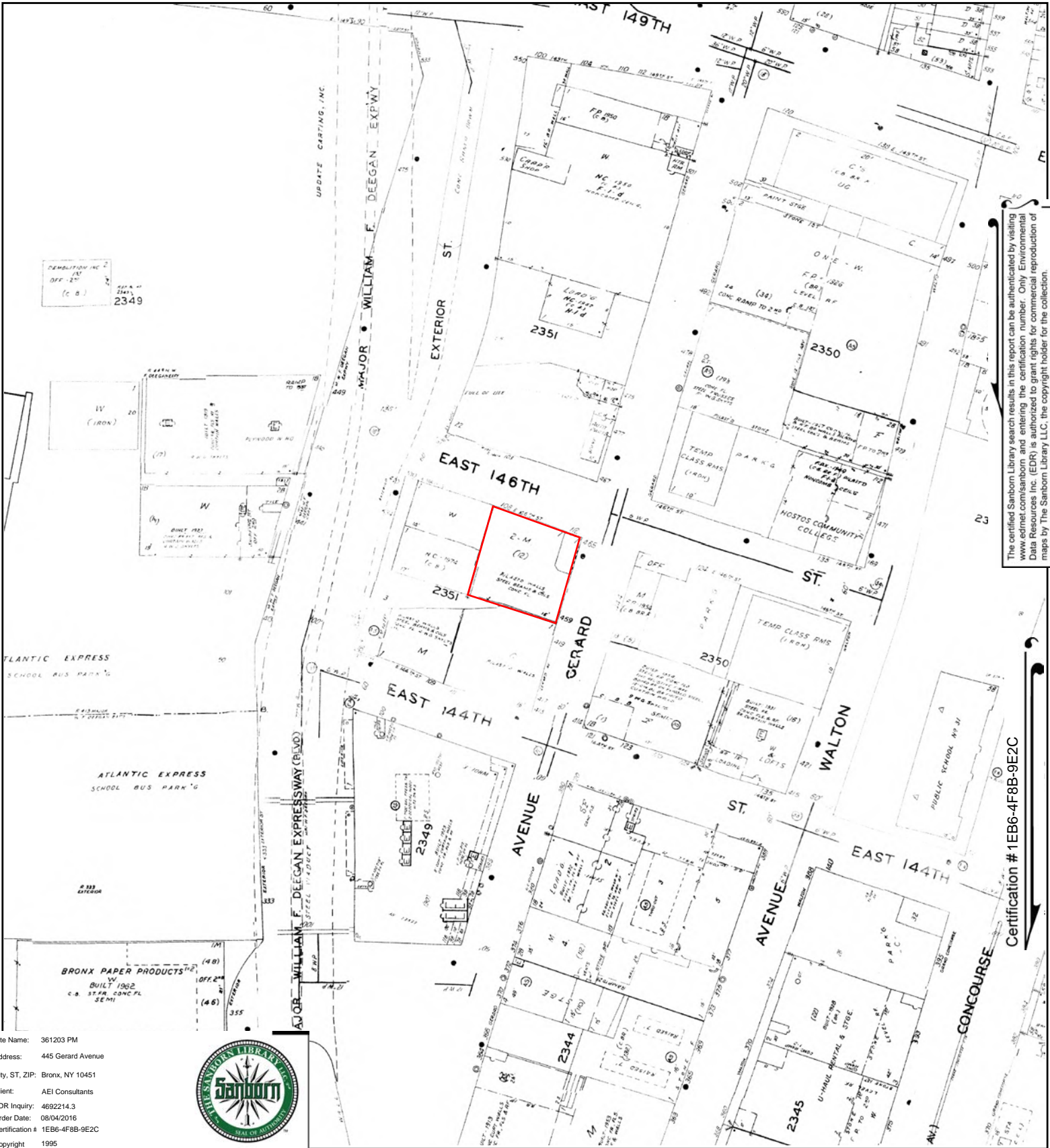


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 Volume 9N, Sheet 52
 Volume 9N, Sheet 51





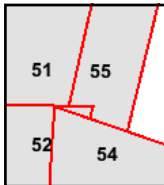
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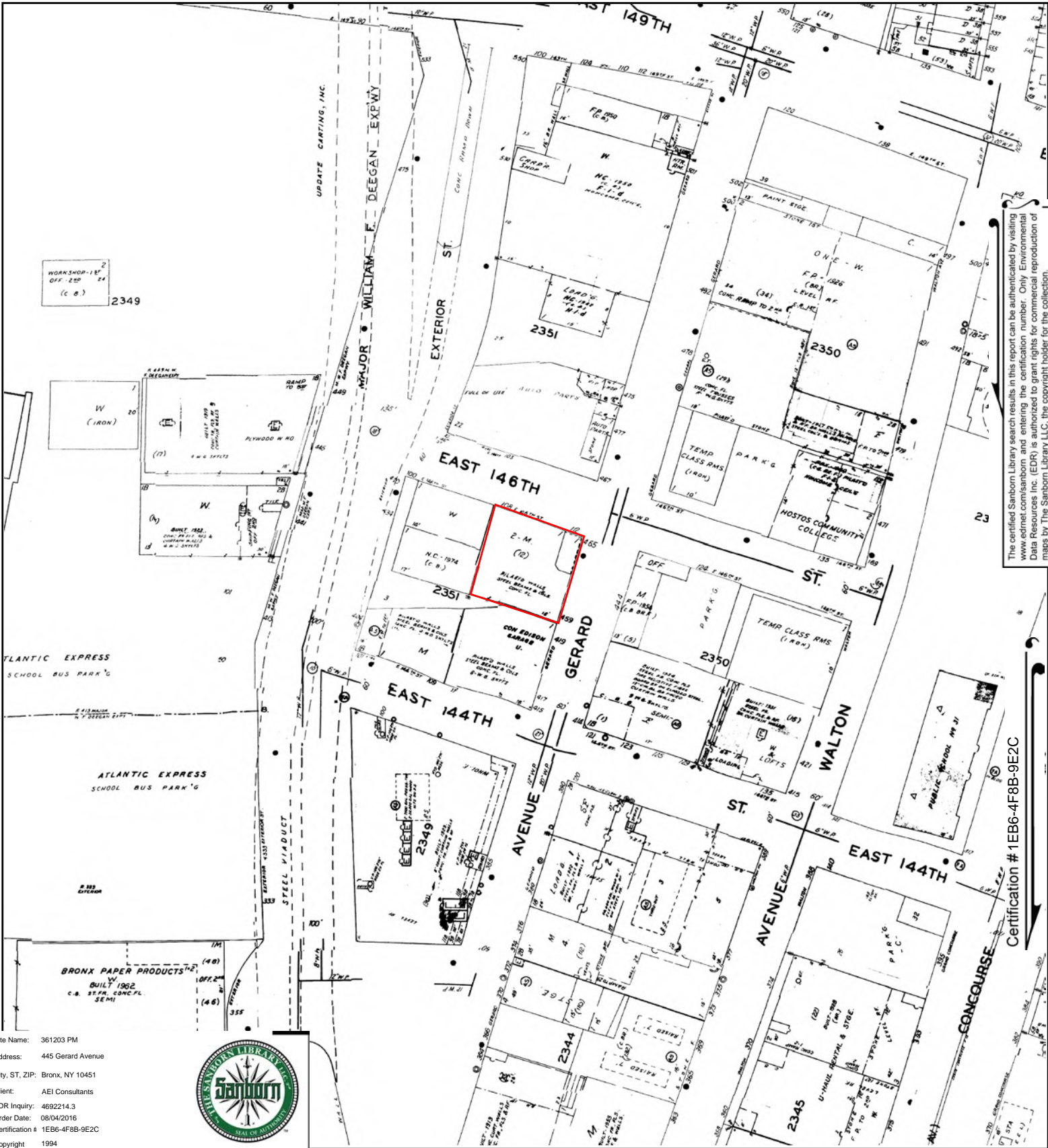


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 Volume 9N, Sheet 55





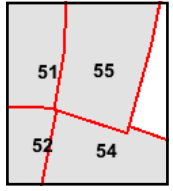
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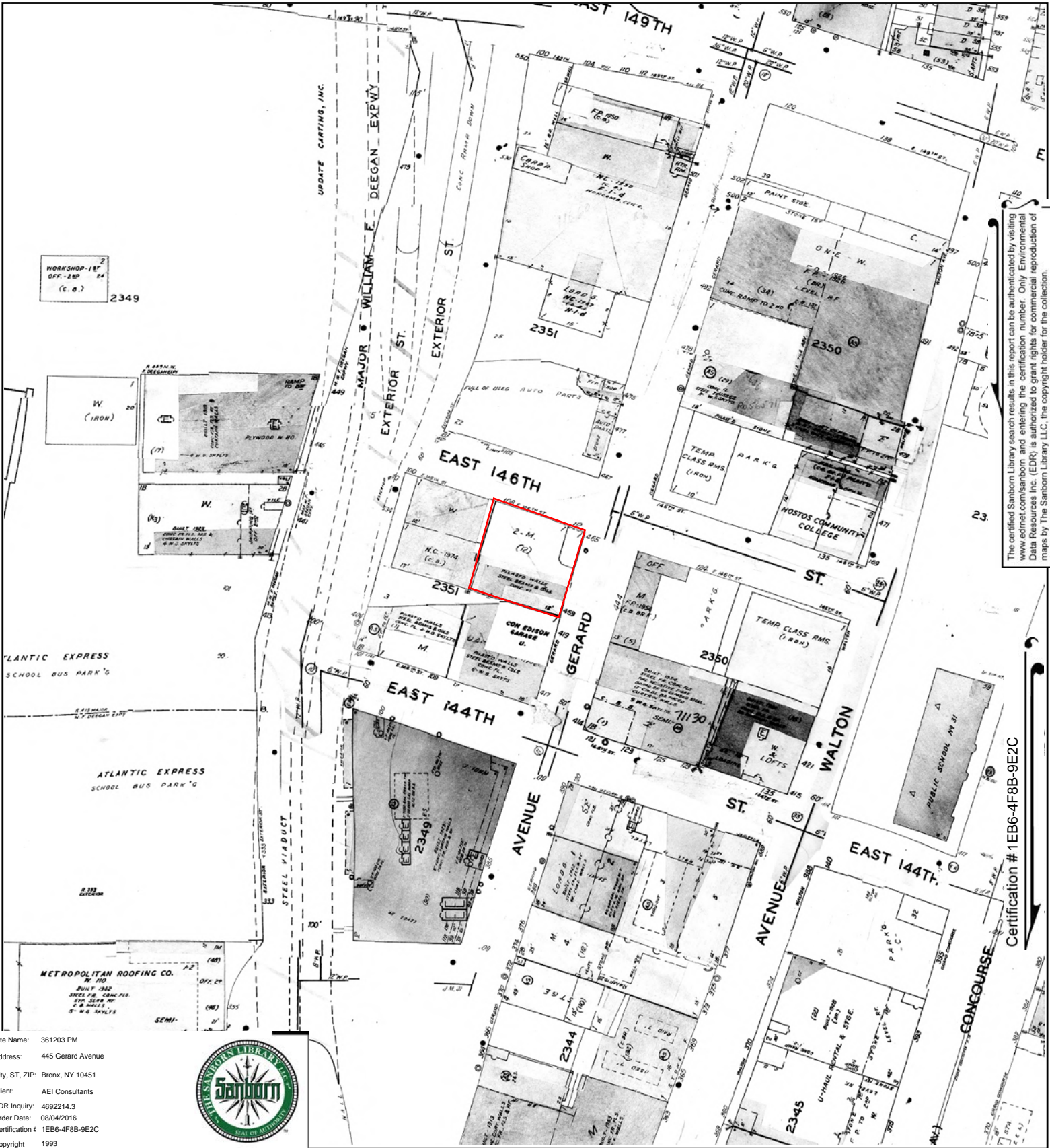


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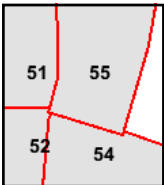
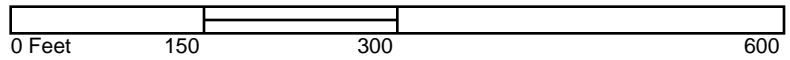
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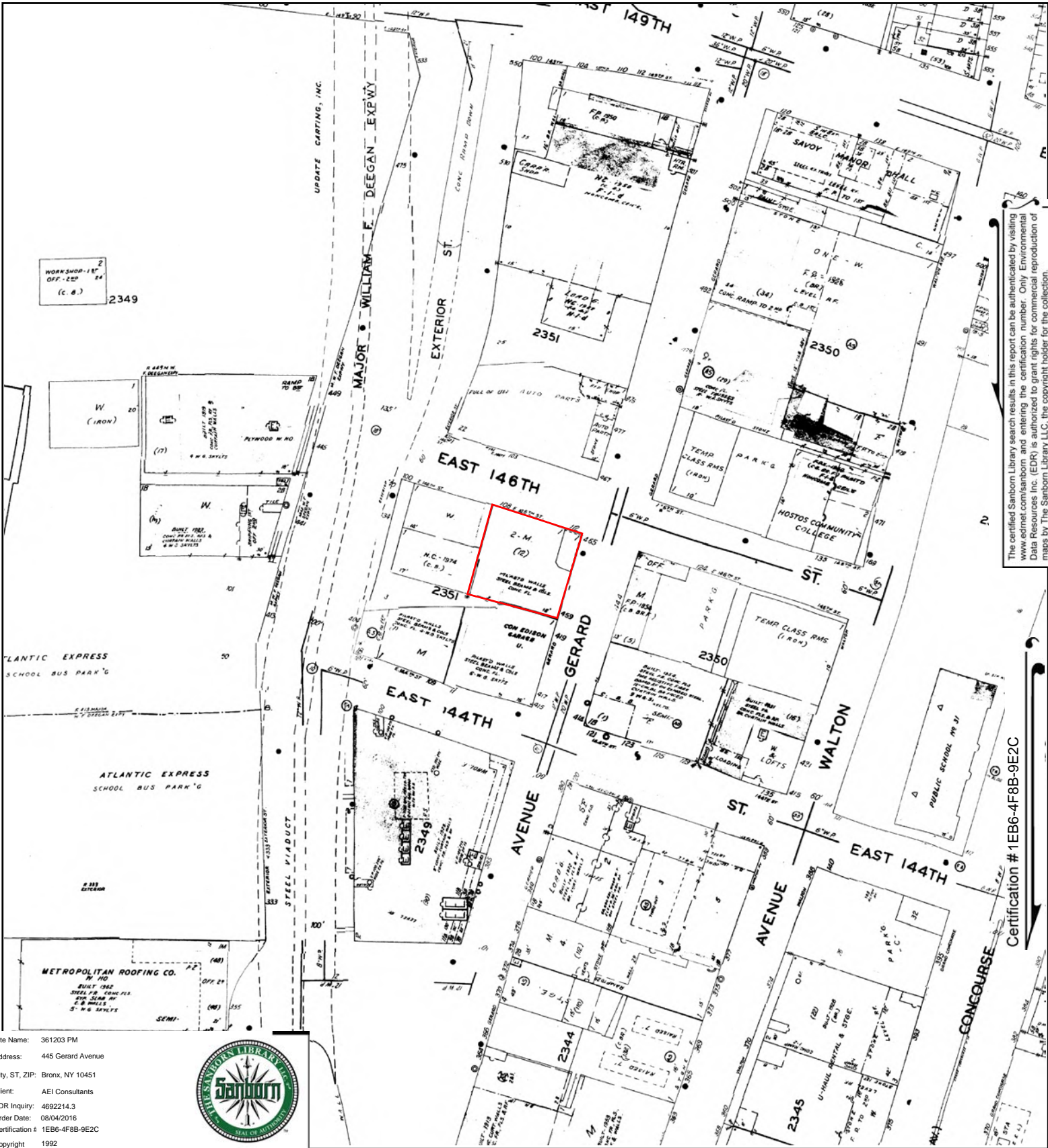


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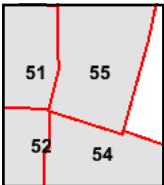
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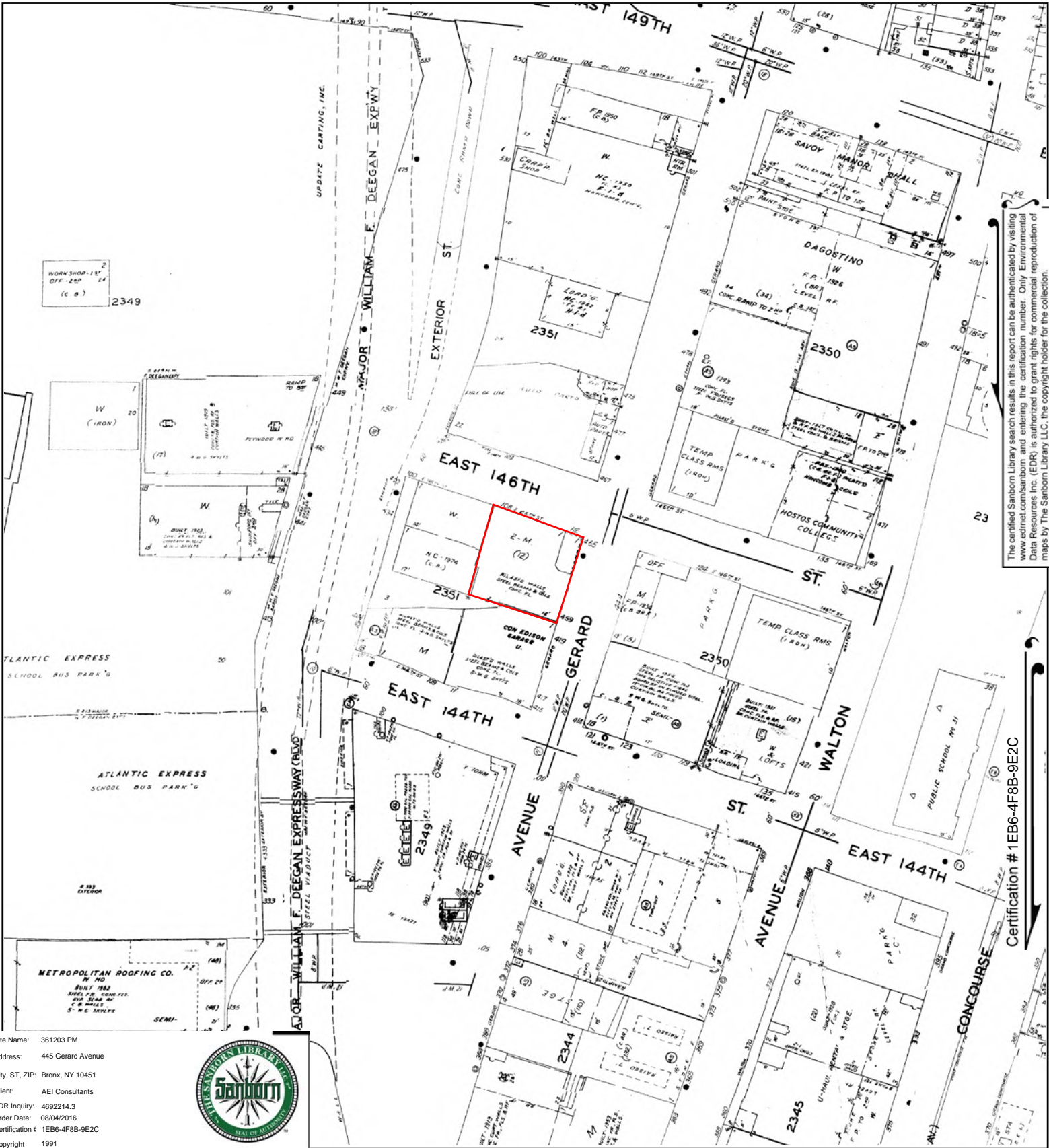


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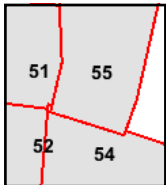
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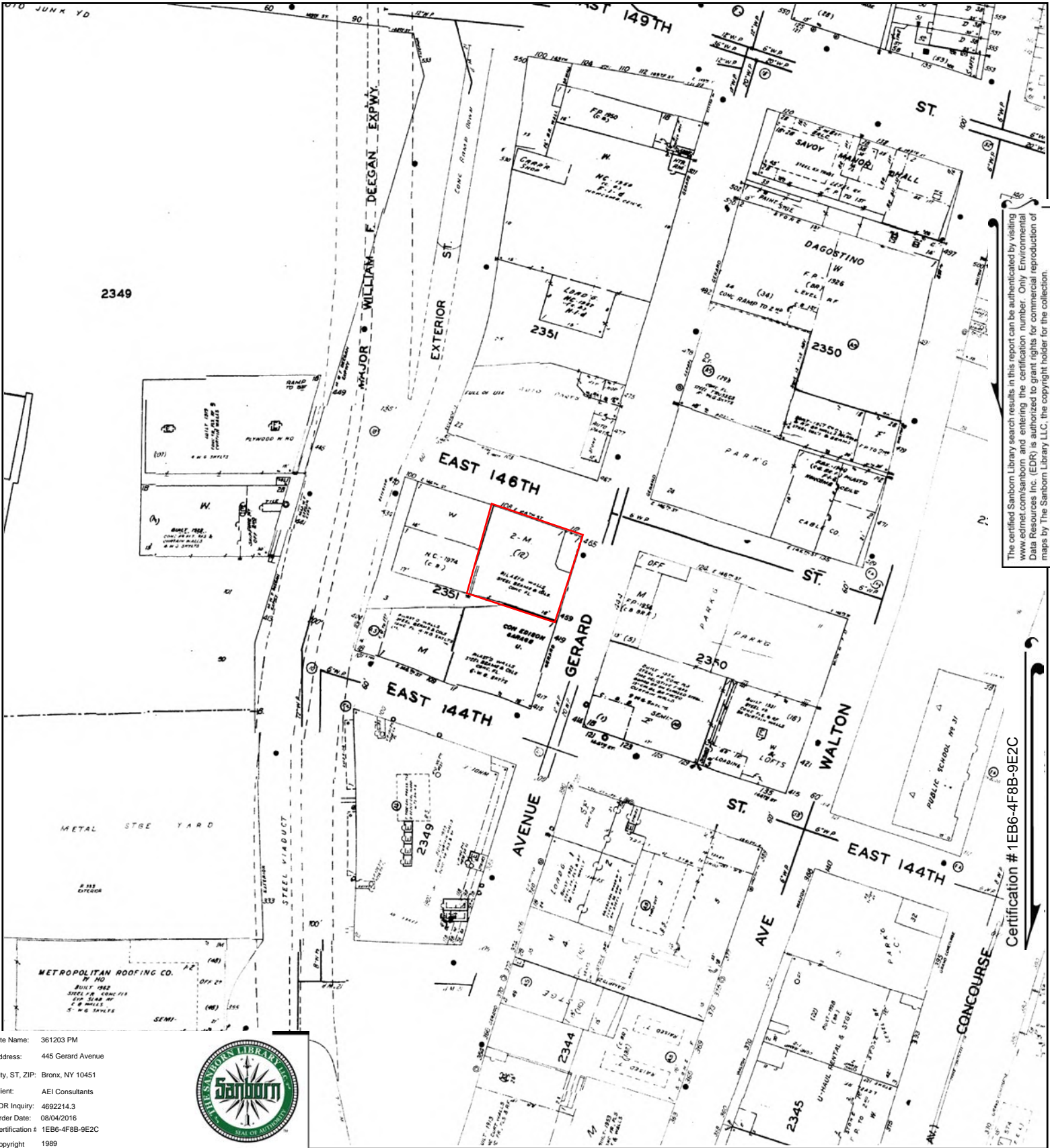


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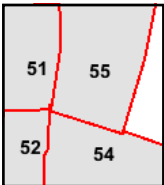
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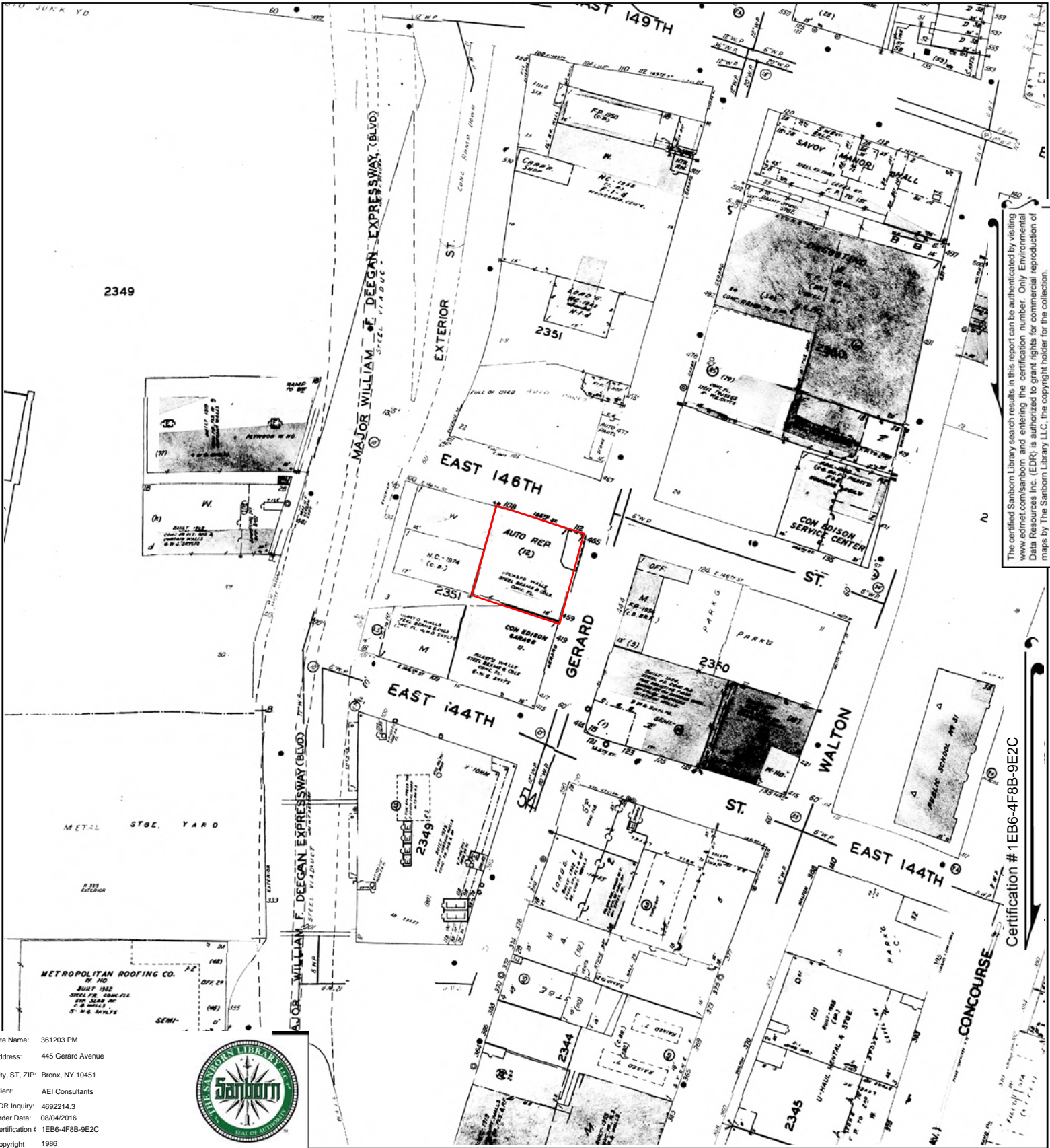


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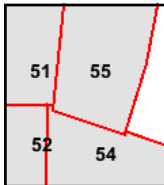
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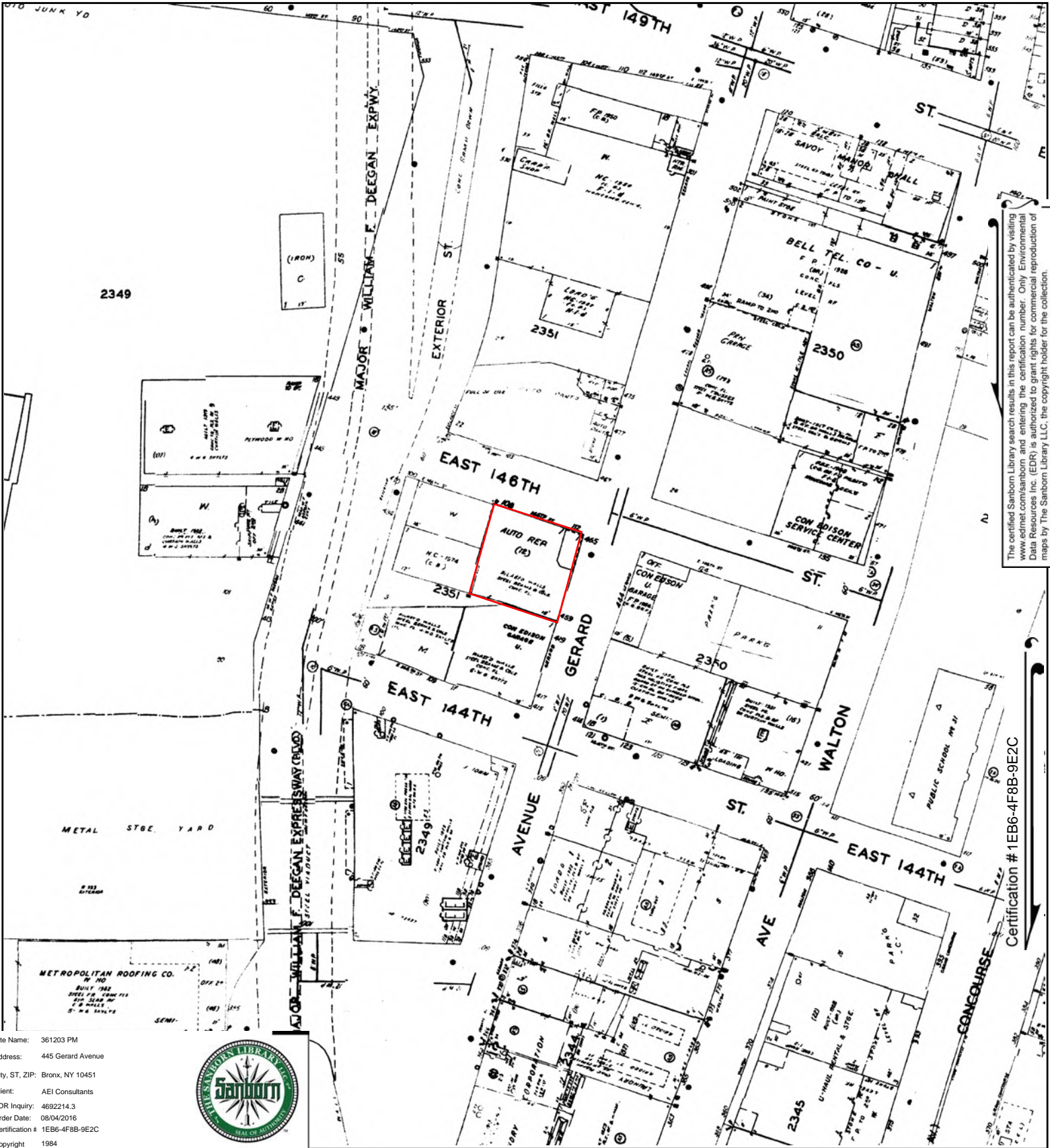


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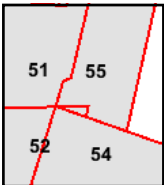
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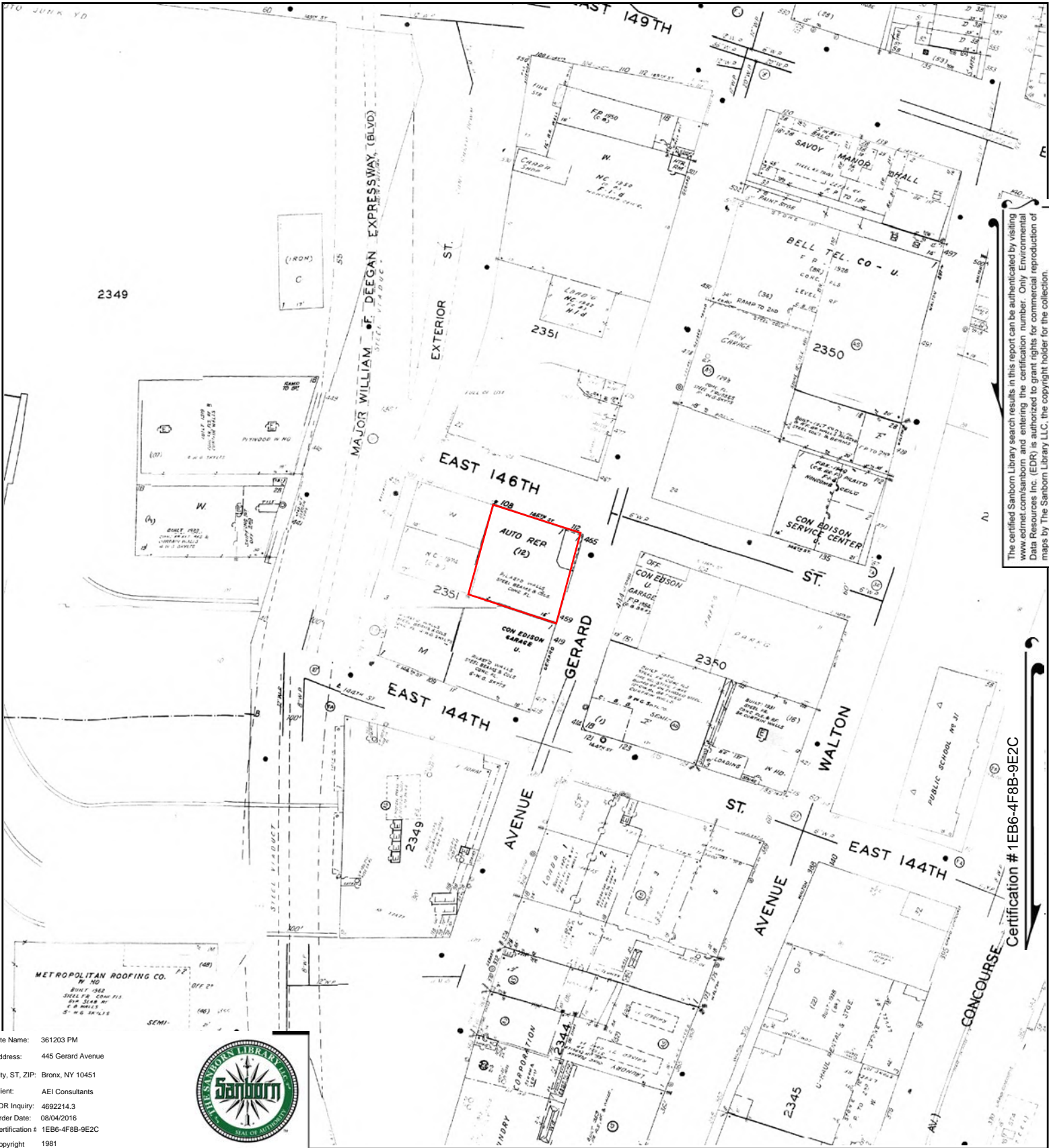


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 55
 Volume 9N, Sheet 54
 Volume 9N, Sheet 52
 Volume 9N, Sheet 51





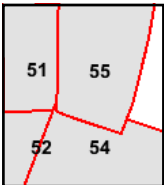
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Certification # 1EB6-4F8B-9E2C

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
 Copyright 1981

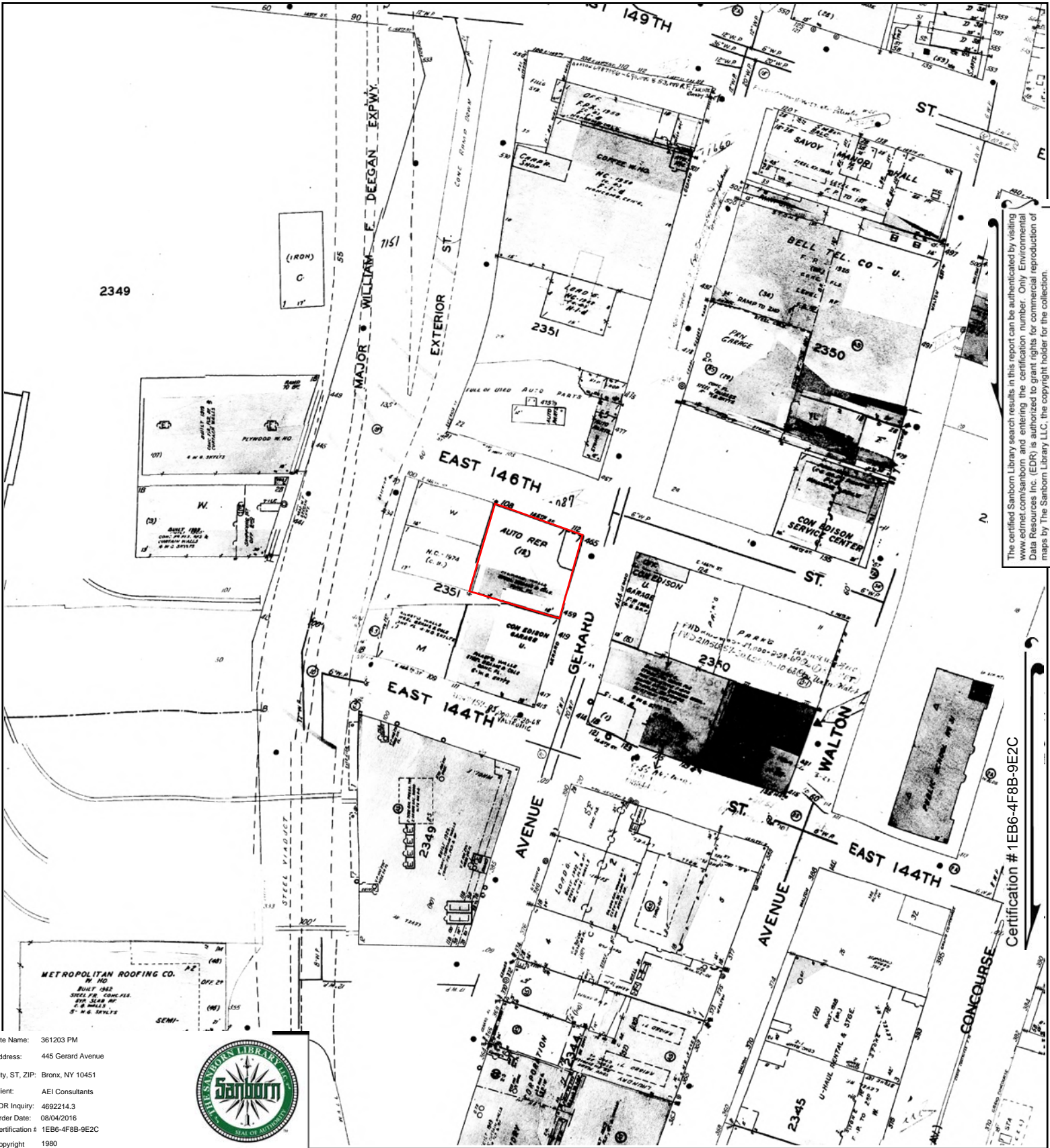


This Certified Sanborn Map combines the following sheets.
 Outlined areas indicate map sheets within the collection.



Volume 9N, Sheet 55
 Volume 9N, Sheet 54
 Volume 9N, Sheet 52
 Volume 9N, Sheet 51





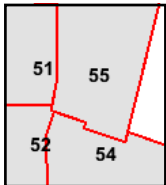
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 Client: AEI Consultants
 EDR Inquiry: 4692214.3
 Order Date: 08/04/2016
 Certification # 1EB6-4F8B-9E2C
 Copyright 1980

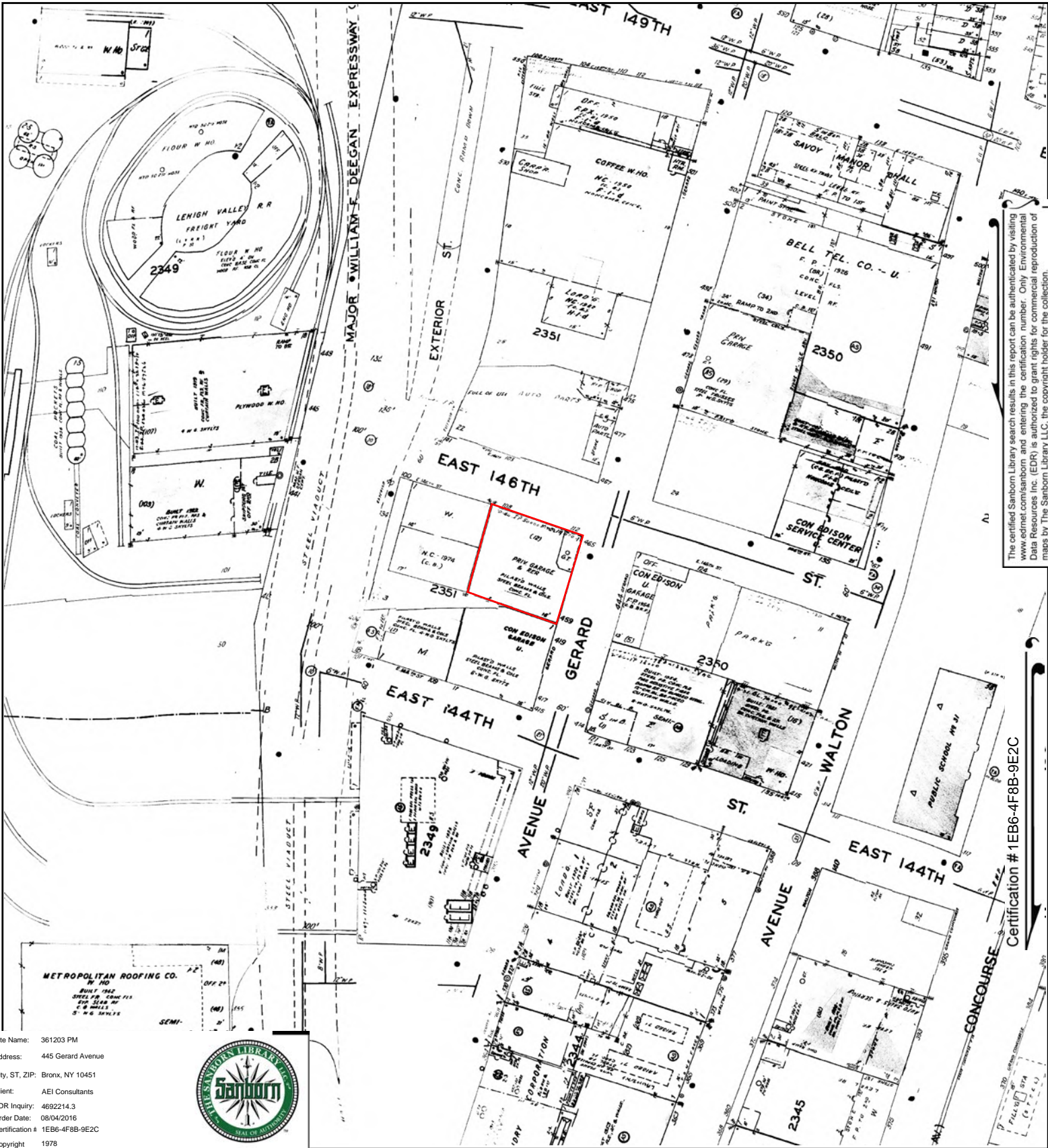


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Volume 9N, Sheet 55
 Volume 9N, Sheet 54
 Volume 9N, Sheet 52
 Volume 9N, Sheet 51



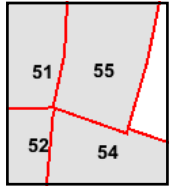
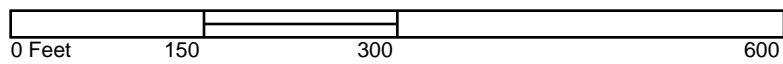


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Site Name: 361203 PM
 Address: 445 Gerard Avenue
 City, ST, ZIP: Bronx, NY 10451
 Client: AEI Consultants
 EDR Inquiry: 4692214.3
 Order Date: 08/04/2016
 Certification # 1EB6-4F8B-9E2C
 Copyright 1978

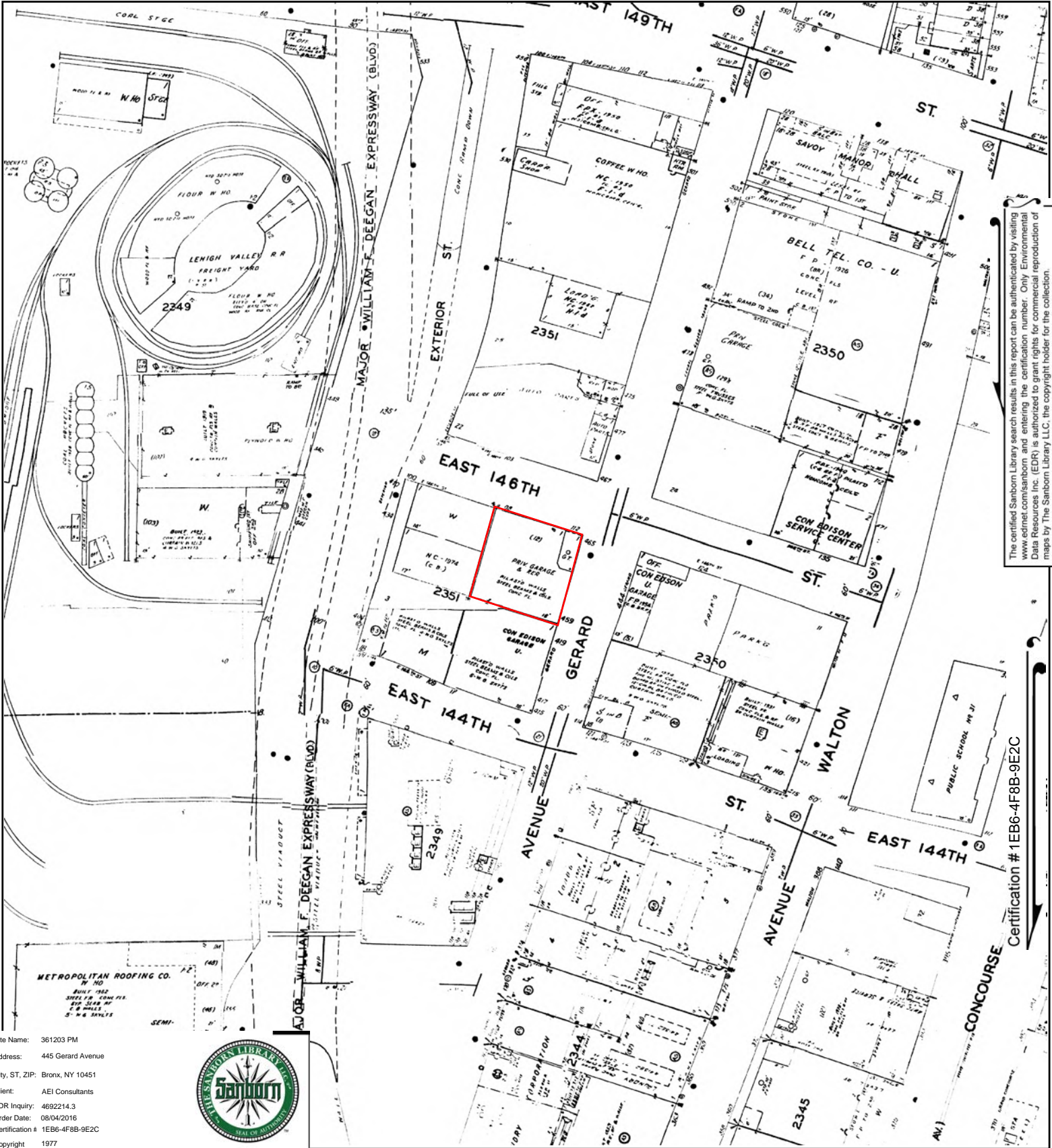


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Volume 9N, Sheet 55
 Volume 9N, Sheet 54
 Volume 9N, Sheet 52
 Volume 9N, Sheet 51



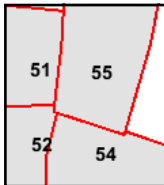
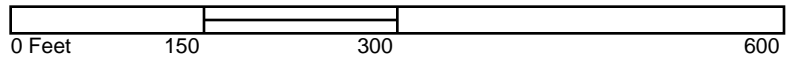


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Site Name: 361203 PM
 Address: 445 Gerard Avenue
 City, ST, ZIP: Bronx, NY 10451
 Client: AEI Consultants
 EDR Inquiry: 4692214.3
 Order Date: 08/04/2016
 Certification # 1EB6-4F8B-9E2C
 Copyright 1977

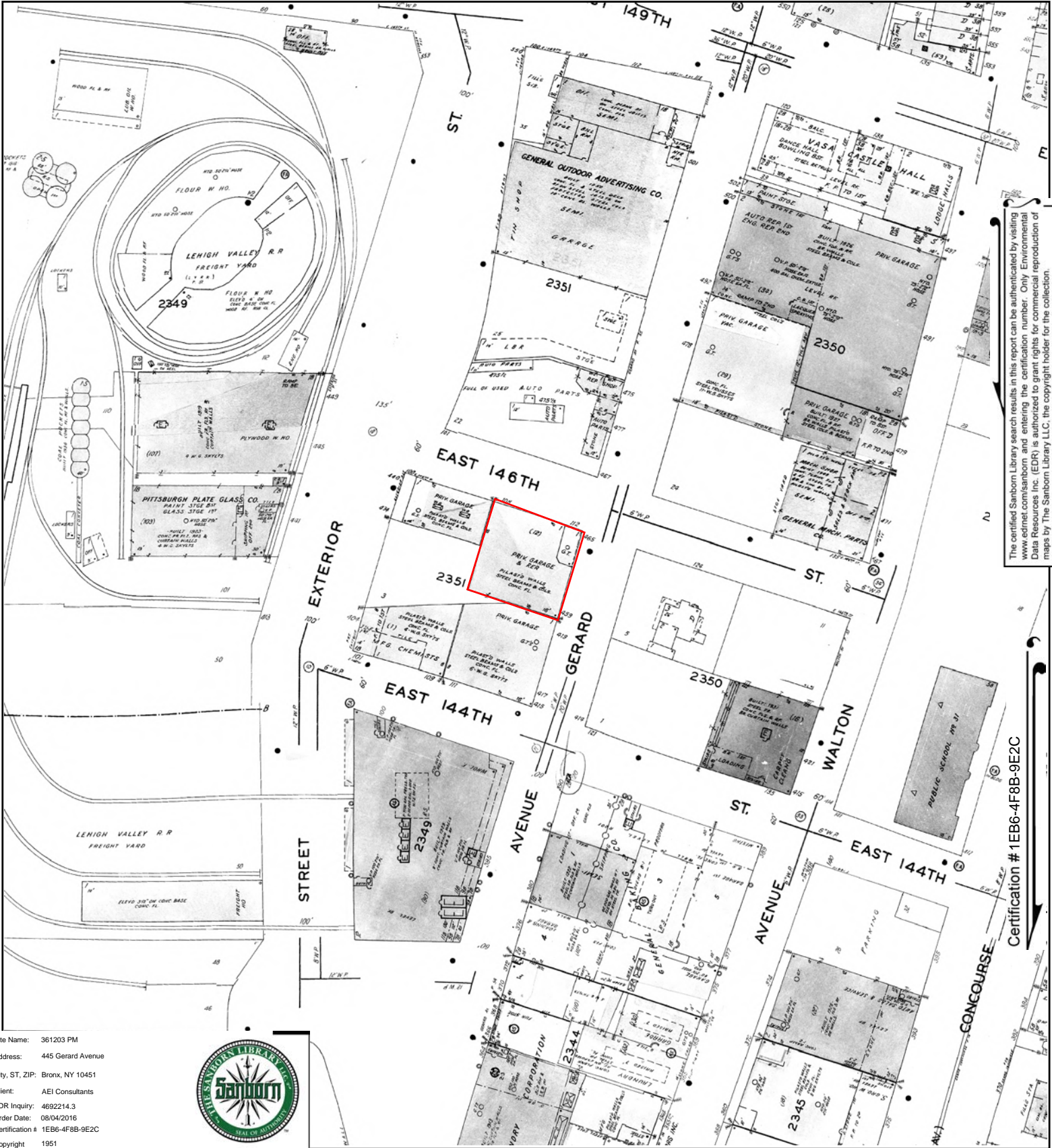


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Volume 9N, Sheet 55
 Volume 9N, Sheet 54
 Volume 9N, Sheet 52
 Volume 9N, Sheet 51





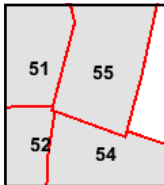
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 Client: AEI Consultants
 EDR Inquiry: 4692214.3
 Order Date: 08/04/2016
 Certification # 1EB6-4F8B-9E2C
 Copyright 1951

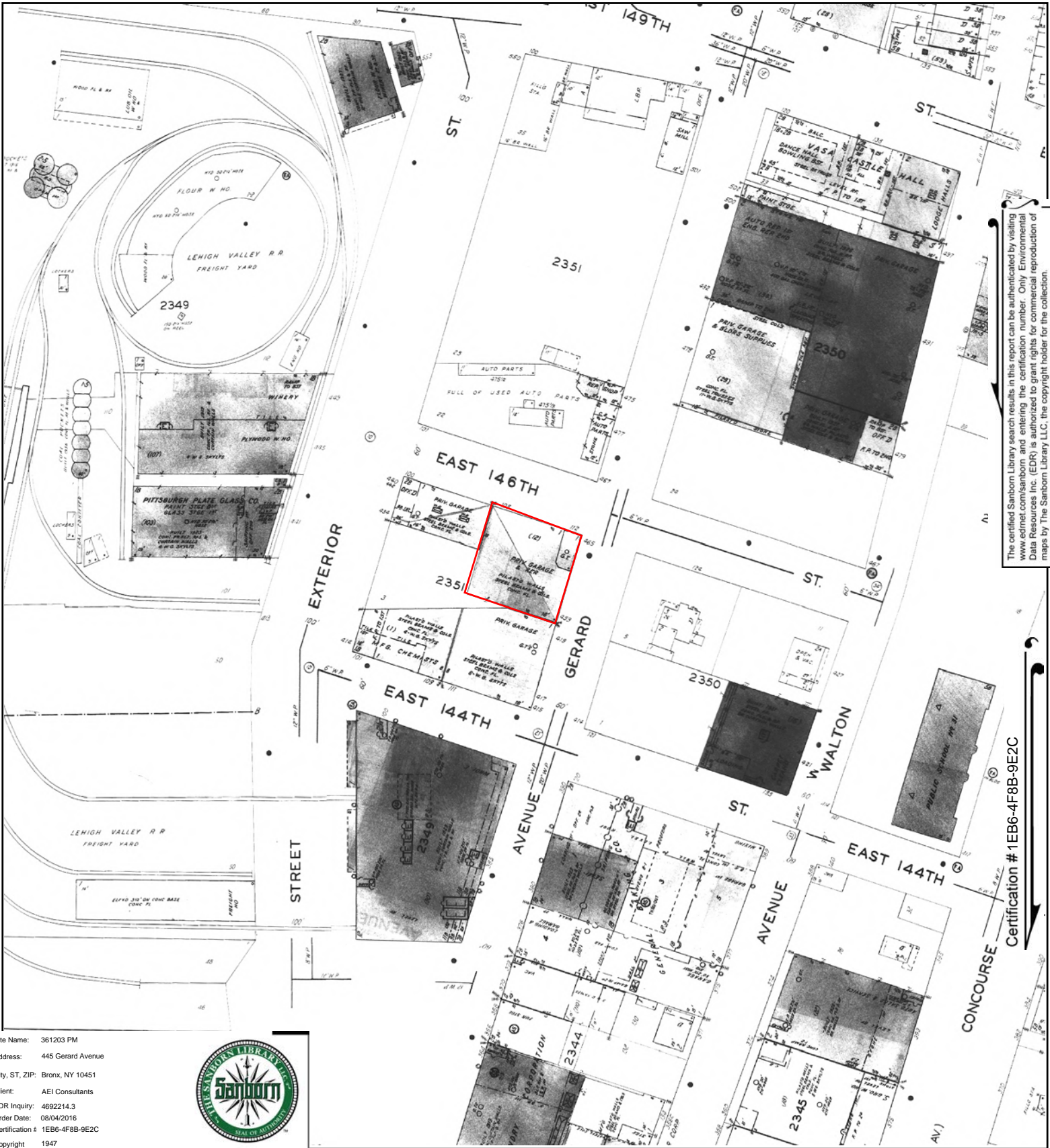


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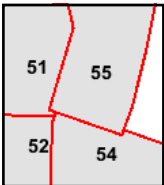
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 Client: AEI Consultants
 EDR Inquiry: 4692214.3
 Order Date: 08/04/2016
 Certification # 1EB6-4F8B-9E2C
 Copyright 1947

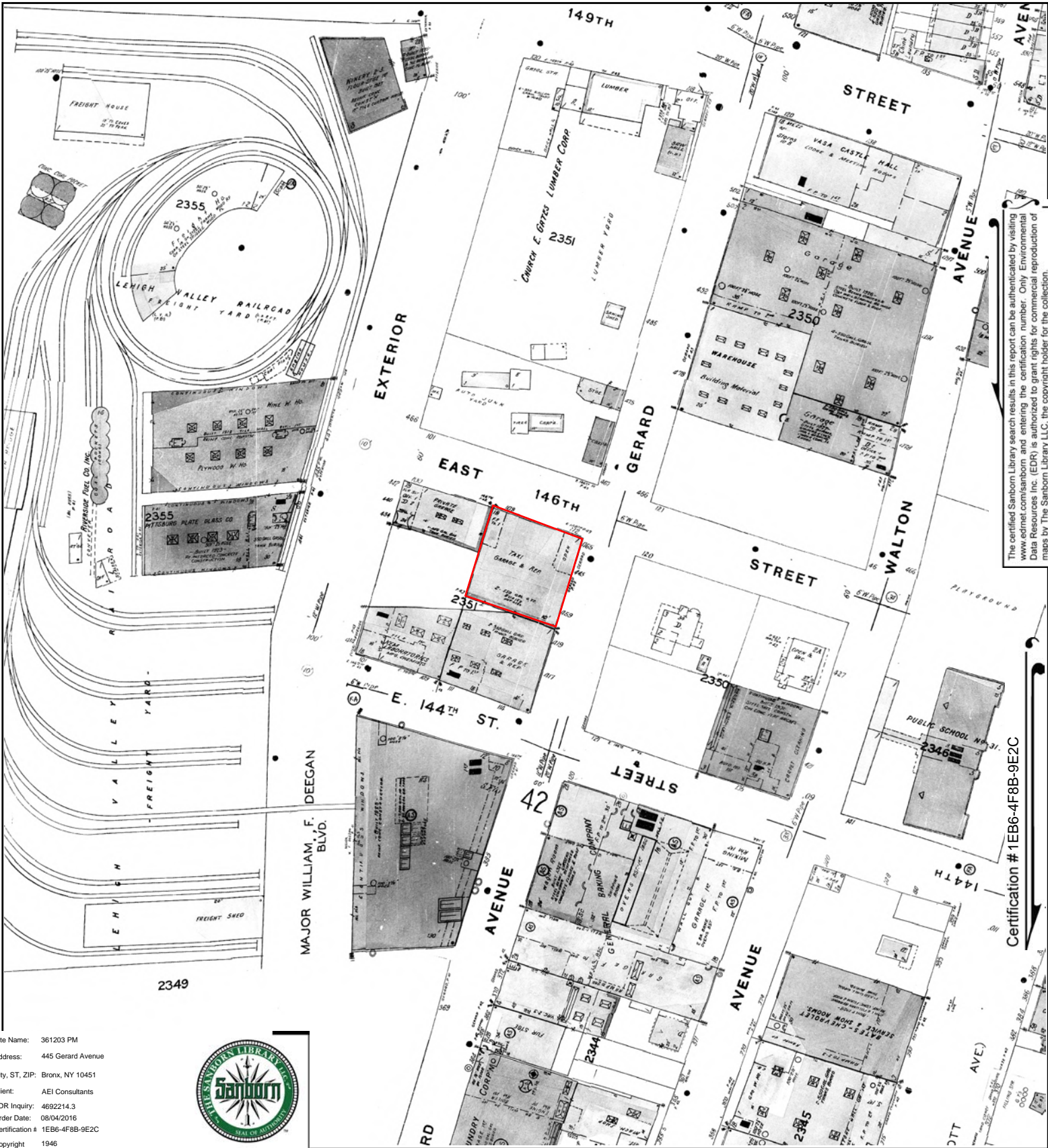


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Volume 9N, Sheet 54
 Volume 9N, Sheet 52
 Volume 9N, Sheet 55
 Volume 9N, Sheet 51





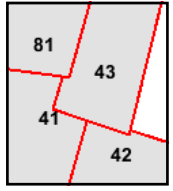
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Certification # 1EB6-4F8B-9E2C

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 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
 Copyright 1946

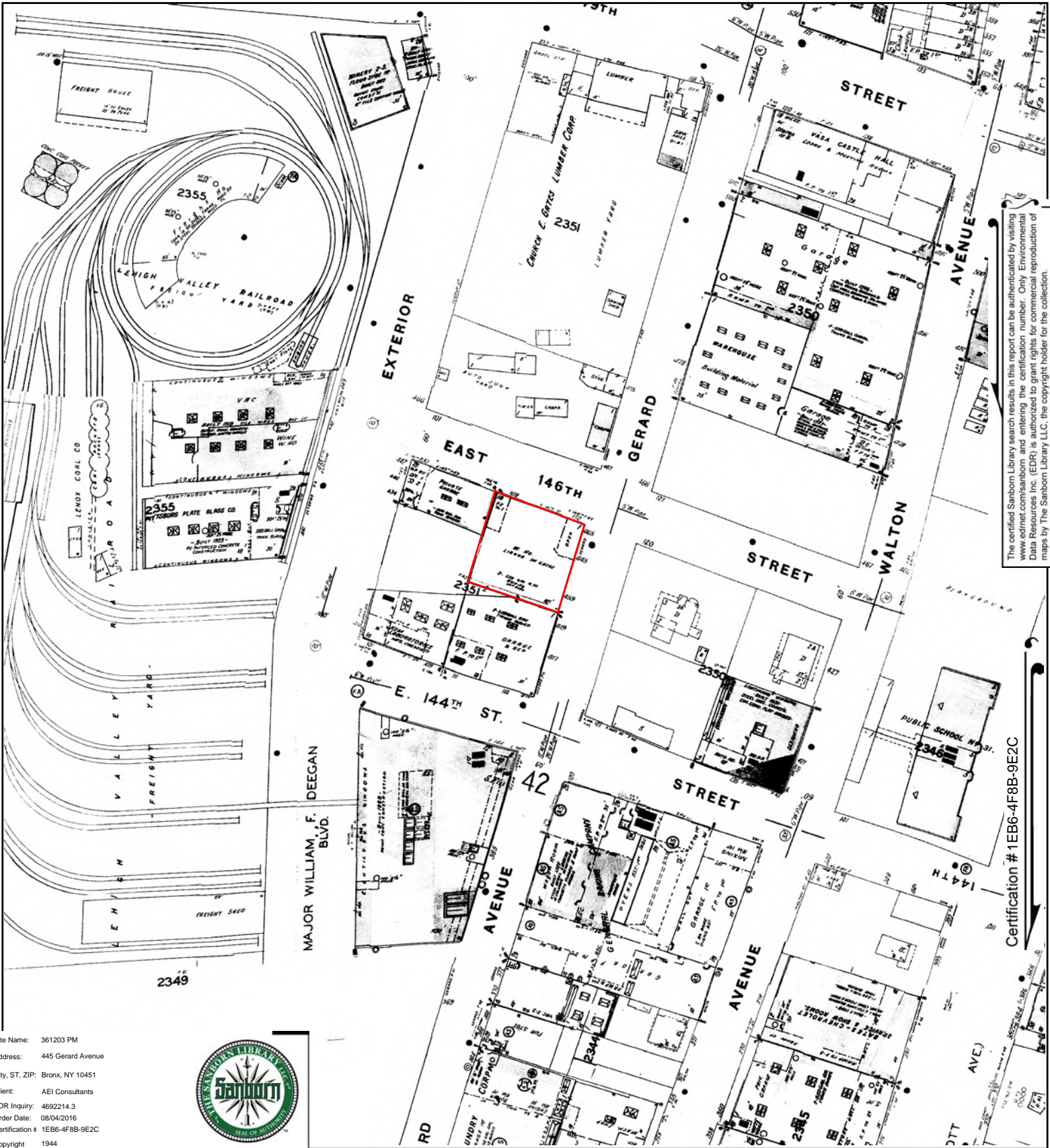


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



- Volume 9, Sheet 81
- Volume 9, Sheet 43
- Volume 9, Sheet 42
- Volume 9, Sheet 41





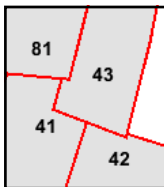
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrmap.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright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

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 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
 Copyright 1944

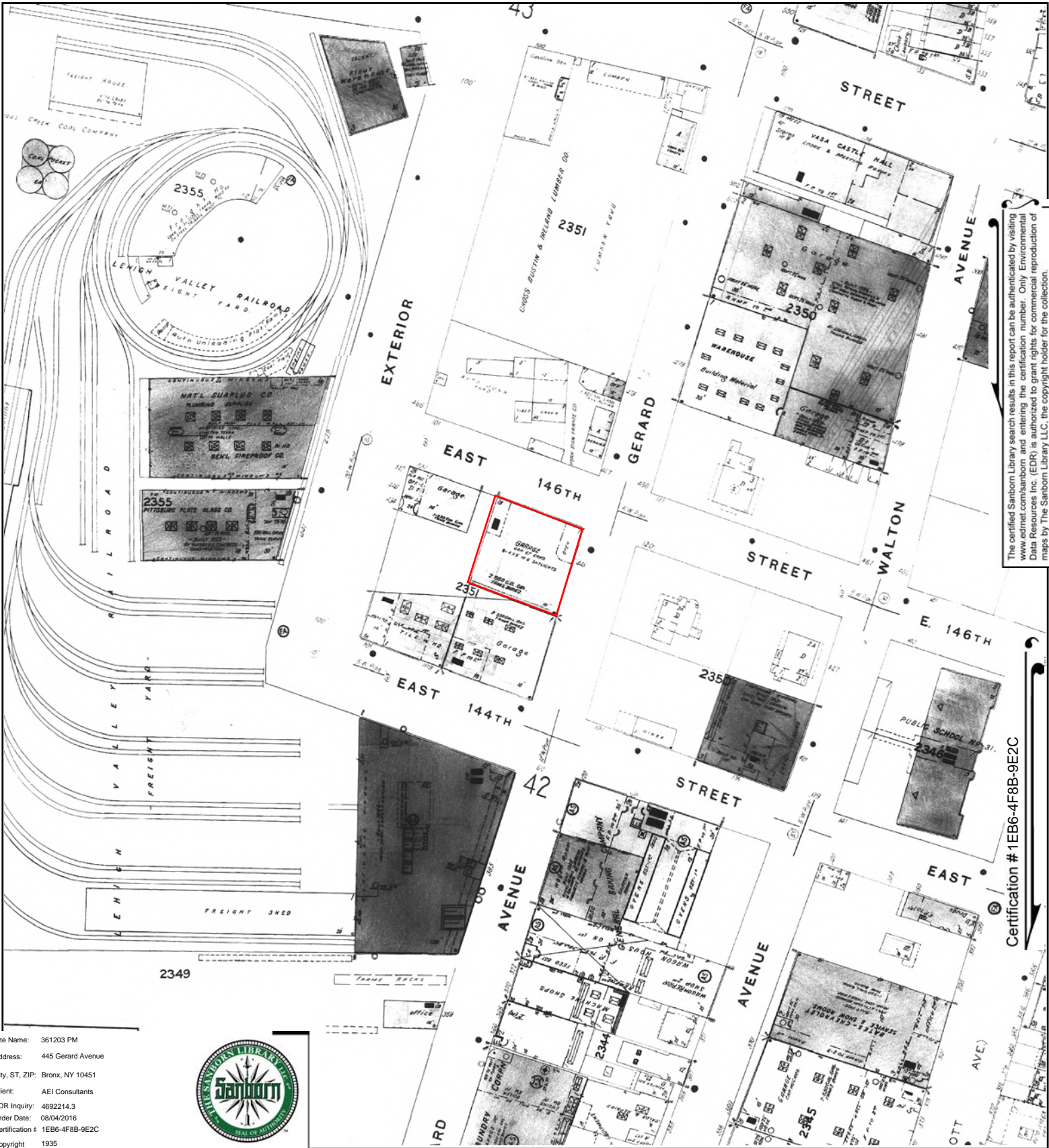


This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 9, Sheet 81
 Volume 9, Sheet 43
 Volume 9, Sheet 42
 Volume 9, Sheet 41





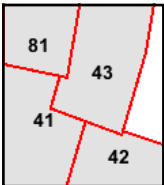
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 Client: AEI Consultants
 EDR Inquiry: 4692214.3
 Order Date: 08/04/2016
 Certification # 1EB6-4F8B-9E2C
 Copyright 1935

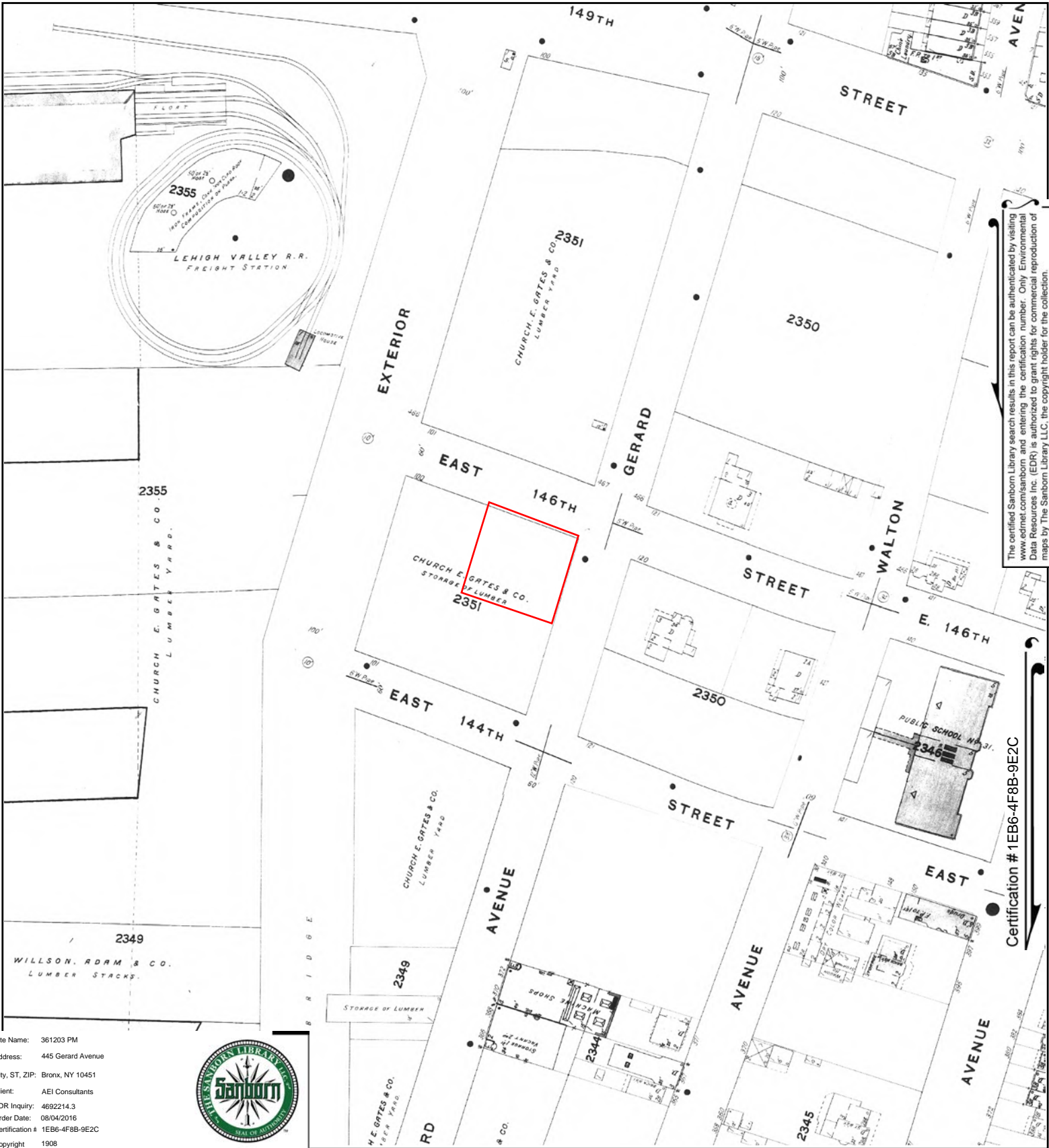


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Volume 9, Sheet 81
 Volume 9, Sheet 43
 Volume 9, Sheet 42
 Volume 9, Sheet 41





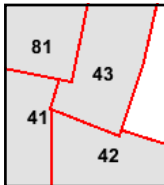
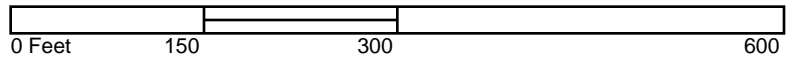
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 Client: AEI Consultants
 EDR Inquiry: 4692214.3
 Order Date: 08/04/2016
 Certification # 1EB6-4F8B-9E2C
 Copyright 1908

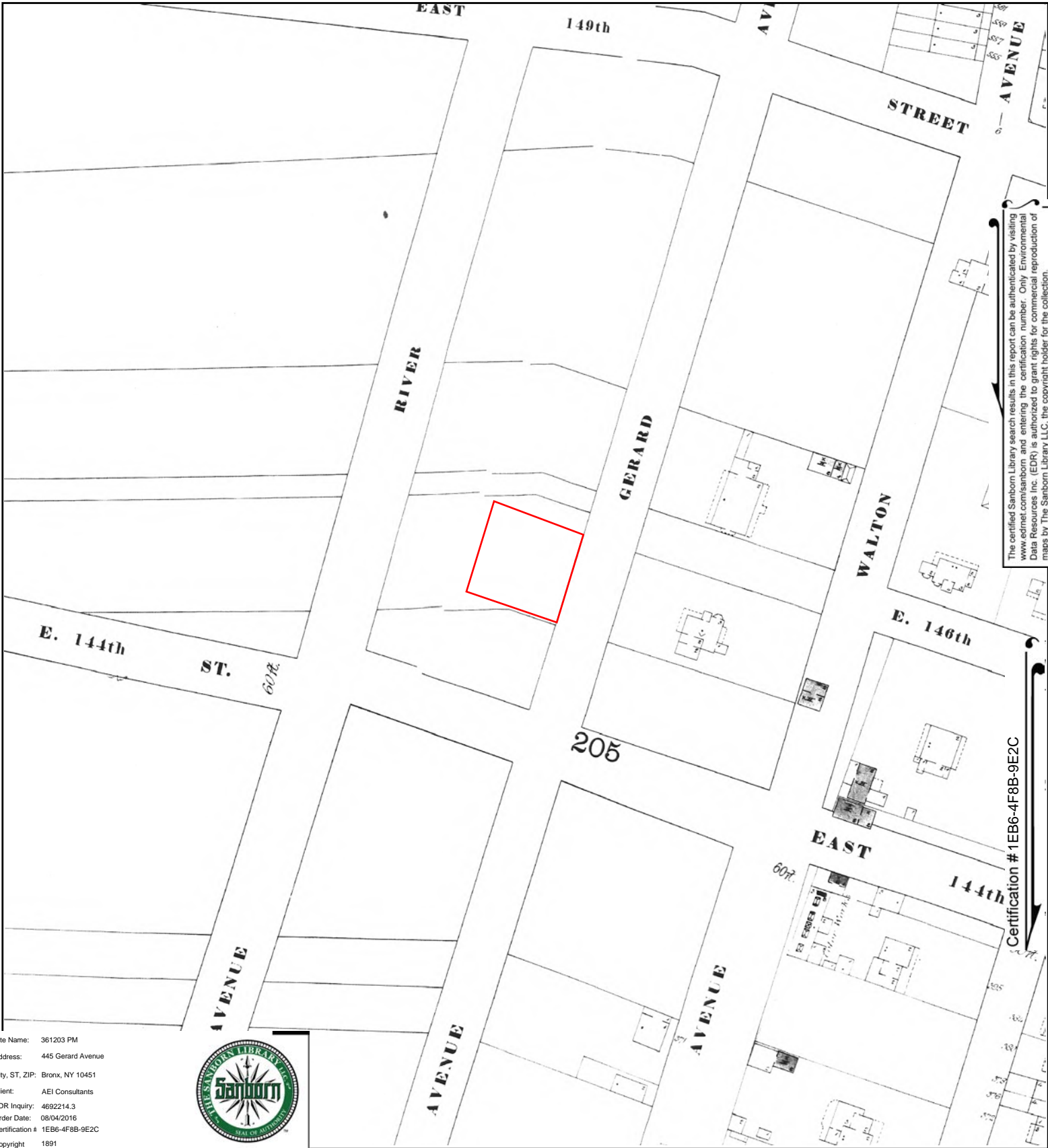


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Volume 9, Sheet 81
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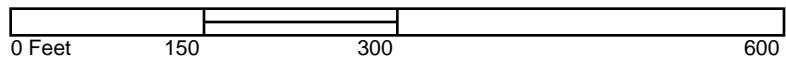
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Site Name: 361203 PM
 Address: 445 Gerard Avenue
 City, ST, ZIP: Bronx, NY 10451
 Client: AEI Consultants
 EDR Inquiry: 4692214.3
 Order Date: 08/04/2016
 Certification # 1EB6-4F8B-9E2C
 Copyright 1891



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



Volume 9, Sheet 305
 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

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 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



Copyright 2016 The City of New York

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 GRANTED TO
[Illegible Name]

FOR THE USE OF
[Illegible Name]

AS SHOWN ON THE PLANS
[Illegible Name]

FILED IN THE OFFICE OF THE
[Illegible Name]

DATE OF ISSUANCE
[Illegible Name]

BY THE
[Illegible Name]

OFFICE OF THE
[Illegible Name]

STATE OF
[Illegible Name]

LOCALITY
[Illegible Name]

SECTION
[Illegible Name]

TOWNSHIP
[Illegible Name]

COUNTY
[Illegible Name]

STATE OF
[Illegible Name]

DATE OF EXPIRATION
[Illegible Name]

BY THE
[Illegible Name]

OFFICE OF THE
[Illegible Name]

STATE OF
[Illegible Name]

LOCALITY
[Illegible Name]

SECTION
[Illegible Name]

TOWNSHIP
[Illegible Name]

COUNTY
[Illegible Name]

STATE OF
[Illegible Name]

DATE OF EXPIRATION
[Illegible Name]

BY THE
[Illegible Name]

OFFICE OF THE
[Illegible Name]

STATE OF
[Illegible Name]

LOCALITY
[Illegible Name]

SECTION
[Illegible Name]

DEPARTMENT OF BUILDINGS

BOROUGH OF **THE BRONX**, THE CITY OF NEW YORK
 Date **AUG 17 1964** (Number) **Y0MABUDDO GNA 180 1800** 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. ~~XXXXX~~
 THIS CERTIFIES that the ~~XXXX~~ altered ~~XXXXXX~~ building—premises located at Block **2351** Lot **12**
445 Gerard Avenue

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: and The City Planning Commission: } (Calendar numbers to be inserted here)

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.

OFFICE COPY—DEPARTMENT OF BUILDINGS

 Borough Superintendent

William Chamorro
 13
 Borough Superintendent

DEPARTMENT OF BUILDINGS

BOROUGH OF THE CITY OF NEW YORK
 (continued) OCCUPANCY AND PERMISSIBLE USE

STORY	PERMISSIBLE USE AND OCCUPANCY	REMARKS	DATE	APPROVED	REVISIONS
1st	Office, Retail, etc.	...	...	...	...
2nd	Office, Retail, etc.	...	...	...	...
3rd	Office, Retail, etc.	...	...	...	...
4th	Office, Retail, etc.	...	...	...	...
5th	Office, Retail, etc.	...	...	...	...
6th	Office, Retail, etc.	...	...	...	...
7th	Office, Retail, etc.	...	...	...	...
8th	Office, Retail, etc.	...	...	...	...
9th	Office, Retail, etc.	...	...	...	...
10th	Office, Retail, etc.	...	...	...	...
11th	Office, Retail, etc.	...	...	...	...
12th	Office, Retail, etc.	...	...	...	...

OFFICE COPY - DEPARTMENT OF BUILDINGS
 Borough Superintendent

THE CITY OF NEW YORK

HOUSING AND DEVELOPMENT ADMINISTRATION

DEPARTMENT OF BUILDINGS

CERTIFICATE OF OCCUPANCY

BOROUGH THE BOROUGH

DATE: AUG 23 1971

NO. 49341

THIS CERTIFICATE SUPERSEDES C.O. No. 38267-64

ZONING DISTRICT

THIS CERTIFIES that the new-altered-existing-building-structure...
ALL BUILDINGS SUBJECT TO THE SEVERAL PLUMBING AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, REGULATIONS AND ORDINANCES OF THE CITY OF NEW YORK AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, REGULATIONS AND ORDINANCES OF THE STATE OF NEW YORK.

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD (LB. PER SQ. FT.)	MAXIMUM NO. OF PERSONS PERMITTED	ZONING	RESOLUTION	BUILDING CODE		DESCRIPTION OF USE
			SPELLING OR ROOMING UNITS	USE GROUP	HABITABLE ROOMS	OCCUPANCY GROUP	
Cellar	On Grd.						
First Fl.	On Grd. & 120	10		16			Multiple Family Dwelling Units

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

OPEN SPACE USES (SPECIFY—PARKING SPACES, LOADING DOCKS, 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

COMMISSIONER

OFFICE COPY—DEPARTMENT OF BUILDINGS

BJ
A.L.T. 273-80

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 WITH THE RULES OF THE DEPARTMENT OF BUILDINGS, MARCH 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)			AUTOMATIC SPRINKLER SYSTEM (C26-1703.1)		
YARD HYDRANT SYSTEM (C26-1702.2)			CENTRAL STATION SUPERVISION (C26-1703.2 & 4)		
PRIVATE HYDRANT SYSTEM (C26-1702.17)			WATER FLOW ALARM (C26-1703.4)		
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM (C26-1702.21)			SIAMESE (C26-1703.5)		
SMOKE DETECTOR (C26-1703.1 j)			TWO AUTOMATIC SOURCES (C26-1703.9a)		
FIRE ALARM AND SIGNAL SYSTEM (C26-1704.1)			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:

JP Morgan Chase Bank, N.A.
1111 Polaris Parkway, Mail Code OH1-1092
Columbus, Ohio 43420

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

Prepared by:

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

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

San Francisco HQ

Atlanta

Chicago

Dallas

Denver

Irvine

Los Angeles

Miami

New York

Phoenix

Portland

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.

TABLE OF CONTENTS

1.0 INTRODUCTION	1
1.1 SCOPE OF WORK	1
1.2 SIGNIFICANT ASSUMPTIONS	1
1.3 LIMITATIONS.....	2
1.4 LIMITING CONDITIONS.....	3
1.5 DATA GAPS AND DATA FAILURE.....	3
1.6 RELIANCE.....	3
2.0 SITE AND VICINITY DESCRIPTION.....	4
2.1 SITE LOCATION AND DESCRIPTION	4
2.2 SITE AND VICINITY CHARACTERISTICS.....	4
2.3 PHYSICAL SETTING	5
3.0 HISTORICAL REVIEW OF SITE AND VICINITY.....	6
3.1 HISTORICAL SUMMARY.....	6
3.2 AERIAL PHOTOGRAPH REVIEW.....	7
3.3 SANBORN FIRE INSURANCE MAPS.....	8
3.4 CITY DIRECTORIES	10
3.5 HISTORICAL TOPOGRAPHIC MAPS	10
3.6 CHAIN OF TITLE.....	10
4.1 REGULATORY AGENCIES	11
5.0 REGULATORY DATABASE RECORDS REVIEW.....	13
5.1 RECORDS SUMMARY	13
6.0 INTERVIEWS AND USER PROVIDED INFORMATION	17
6.1 INTERVIEWS	17
6.2 USER PROVIDED INFORMATION	18
6.3 PREVIOUS REPORTS AND OTHER PROVIDED DOCUMENTATION.....	18
7.0 SITE INSPECTION AND RECONNAISSANCE	21
7.1 SUBJECT PROPERTY RECONNAISSANCE FINDINGS.....	21
7.2 NON-ASTM SERVICES	22
7.3 ADJACENT PROPERTY RECONNAISSANCE FINDINGS.....	26
8.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS	27
9.0 REFERENCES	28

FIGURES

- 1 SITE LOCATION MAP
- 2 SITE MAP

APPENDICES

- A PROPERTY PHOTOGRAPHS
- B REGULATORY DATABASE
- C HISTORICAL SOURCES
- D REGULATORY AGENCY RECORDS

- E** PREVIOUS REPORTS
- F** OTHER SUPPORTING DOCUMENTATION
- G** QUALIFICATIONS

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 semivolatle 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

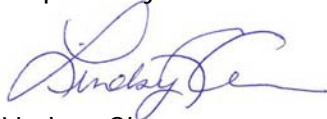
None of the above listed items were observed during the site inspection. Please refer to Section 5.1 for a discussion of potential regulatory concerns identified at adjacent sites.

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.

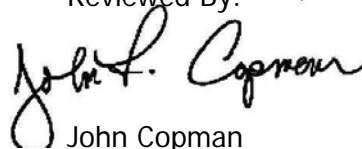
The senior author has the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. The senior author has developed and performed the all appropriate inquiries in conformance with the standards and practices set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

Prepared By:



Lindsay Glassman
Project Manager

Reviewed By: ;



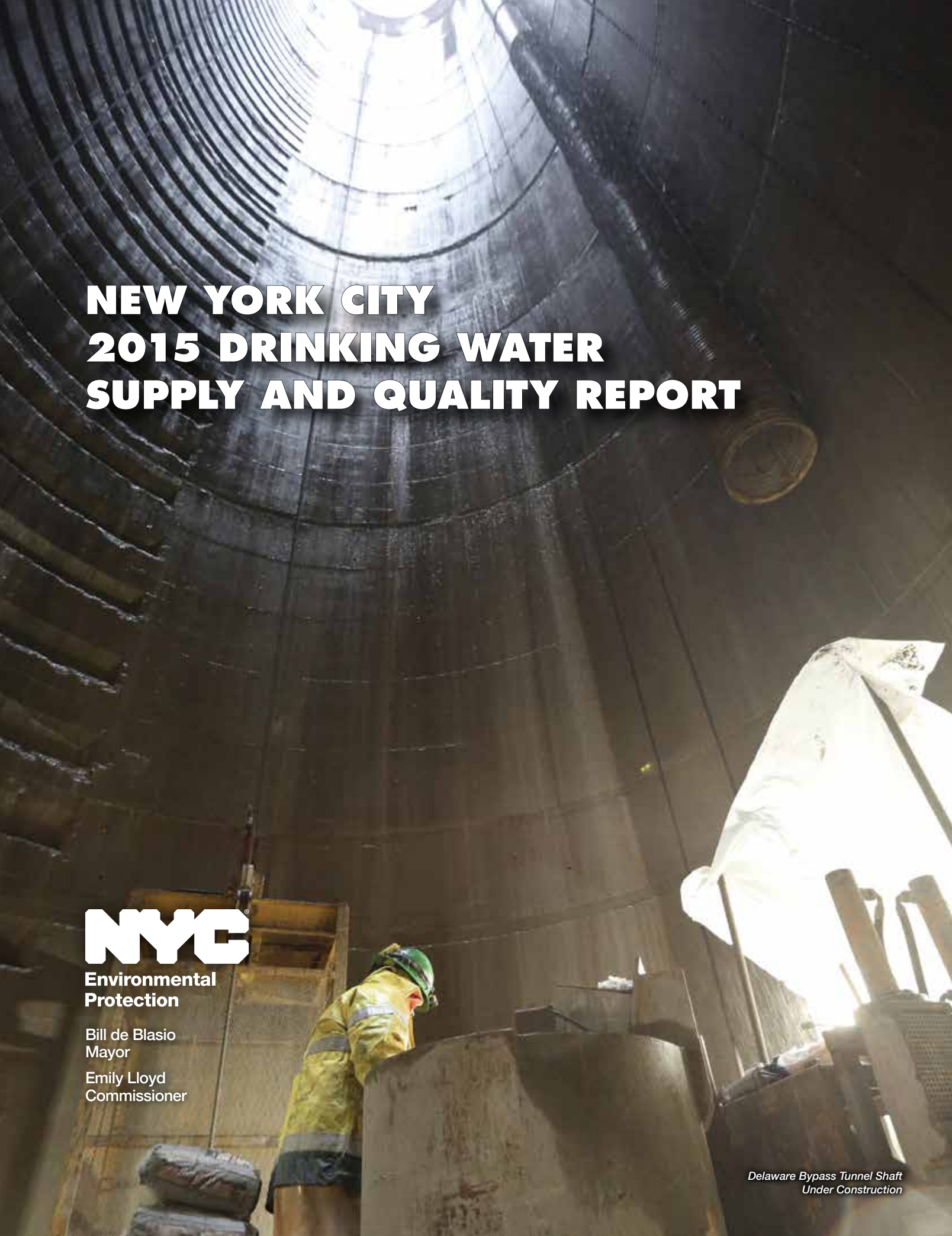
John Copman
Senior Author

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

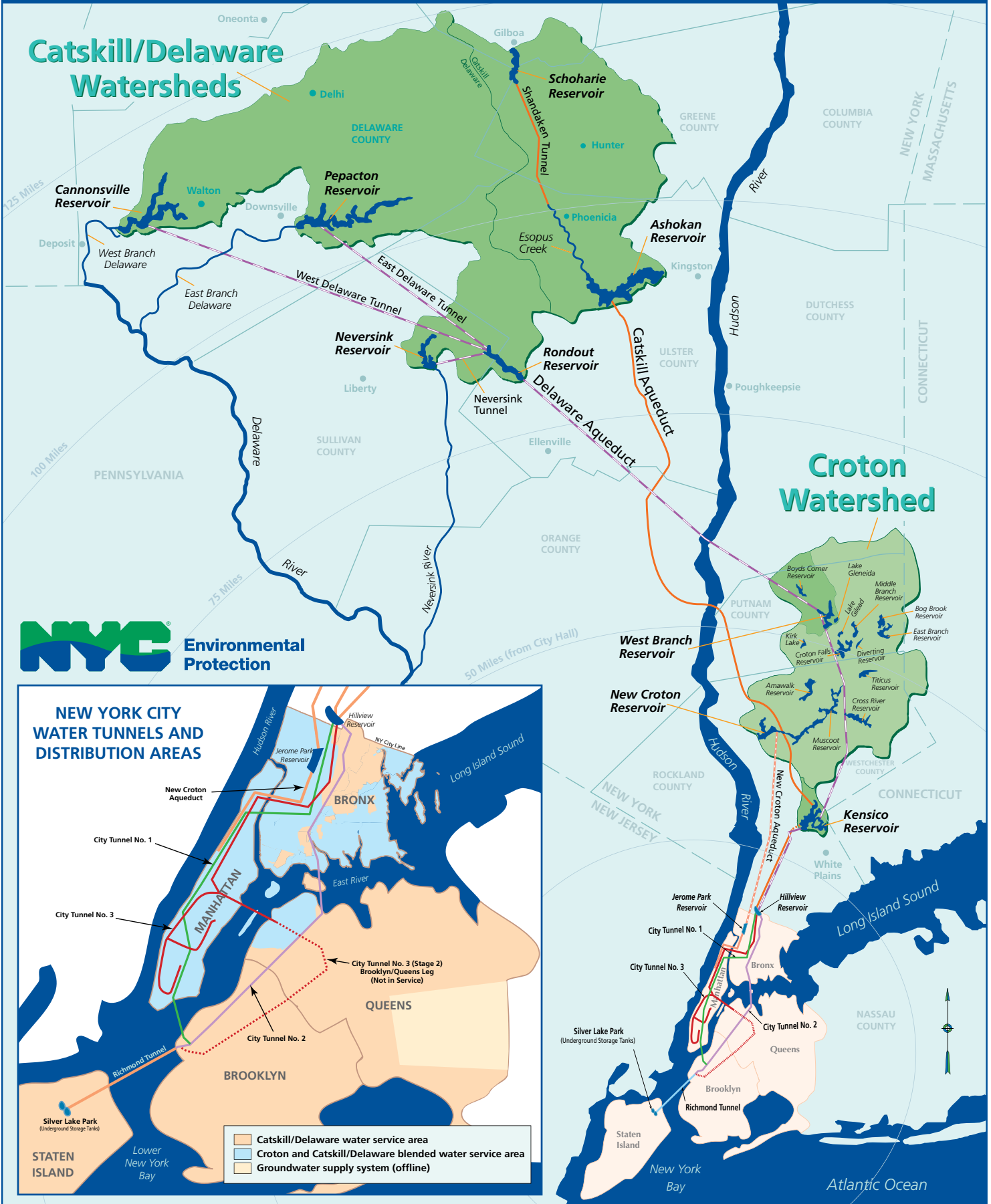
**Environmental
Protection**

Bill de Blasio
Mayor

Emily Lloyd
Commissioner

*Delaware Bypass Tunnel Shaft
Under Construction*

New York City's Water Supply System





Emily Lloyd
Commissioner

59-17 Junction Boulevard
Flushing, NY 11373
T: (718) 595-6605
F: (718) 595-3525



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 'E' and 'L'.

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.



Testing drinking water samples at one of DEP's water quality laboratories

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

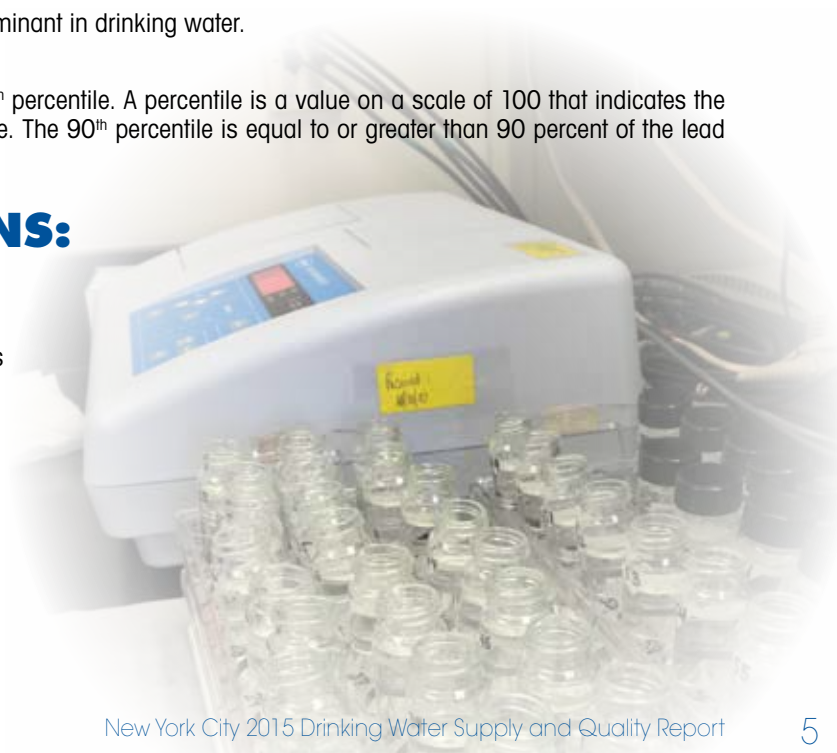


TABLE 1: DETECTED PARAMETERS

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 (CaCO₃). 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 (CaCO₃).

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.**



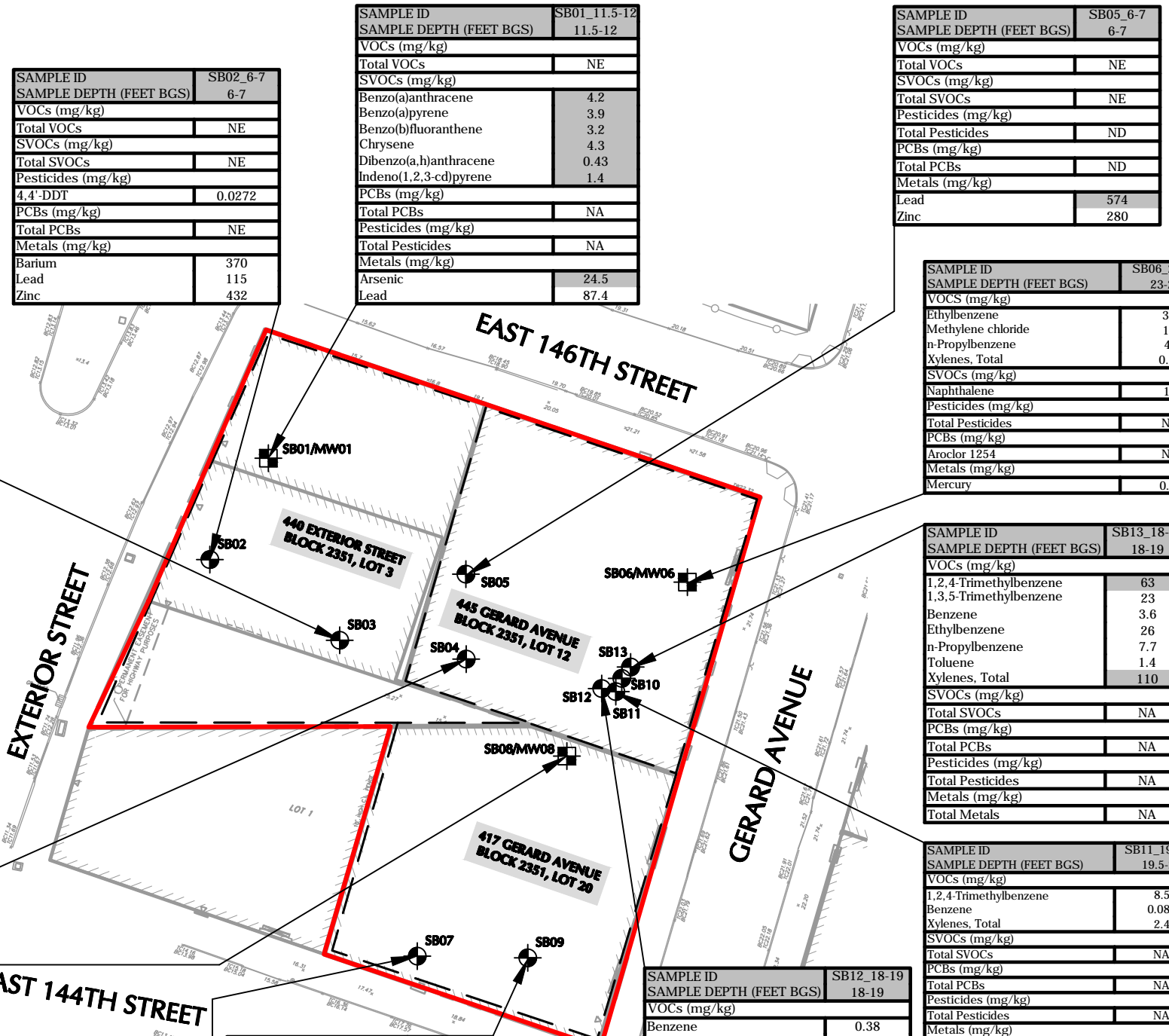
Ryan Manderbach, CHMM
Senior Project Manager



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



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.
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	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

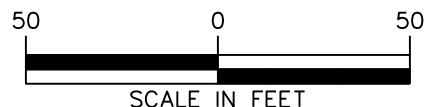
SAMPLE ID	SB07_0-2
SAMPLE DEPTH (FEET BGS)	0-2
VOCs (mg/kg)	
Acetone	0.08
SVOCs (mg/kg)	
Benzo(a)anthracene	1.9
Benzo(a)pyrene	1.6
Benzo(b)fluoranthene	2
Chrysene	1.9
Indeno(1,2,3-cd)pyrene	0.97
Pesticides (mg/kg)	
Total Pesticides	NE
PCBs (mg/kg)	
Total PCBs	ND
Metals (mg/kg)	
Lead	227

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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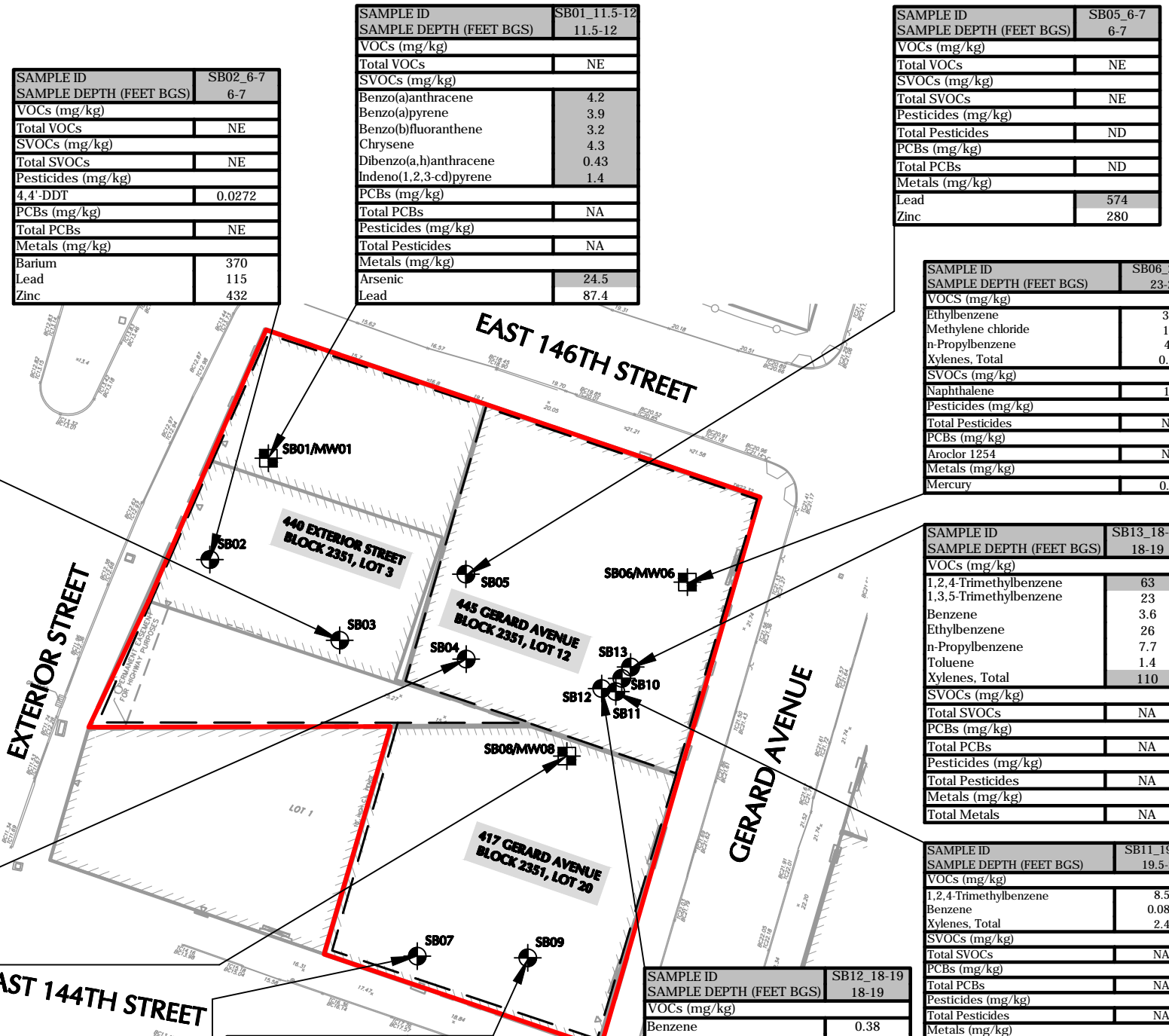
LANGAN

21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001
T: 212.479.5400 F: 212.479.5444 www.langan.com
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. S.A.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
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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
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.
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	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

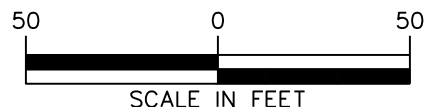
SAMPLE ID	SB08_23-24
SAMPLE DEPTH (FEET BGS)	23-24
VOCs (mg/kg)	
Benzene	0.11
SVOCs (mg/kg)	
Total SVOCs	NE
PCBs (mg/kg)	
Total PCBs	NA
Pesticides (mg/kg)	
Total Pesticides	NA
Metals (mg/kg)	
Lead	691
Mercury	1
Zinc	112

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

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 21 Penn Plaza, 360 West 31st Street, 8th Floor
 New York, NY 10001
 T: 212.479.5400 F: 212.479.5444 www.langan.com
 Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. S.A.
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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

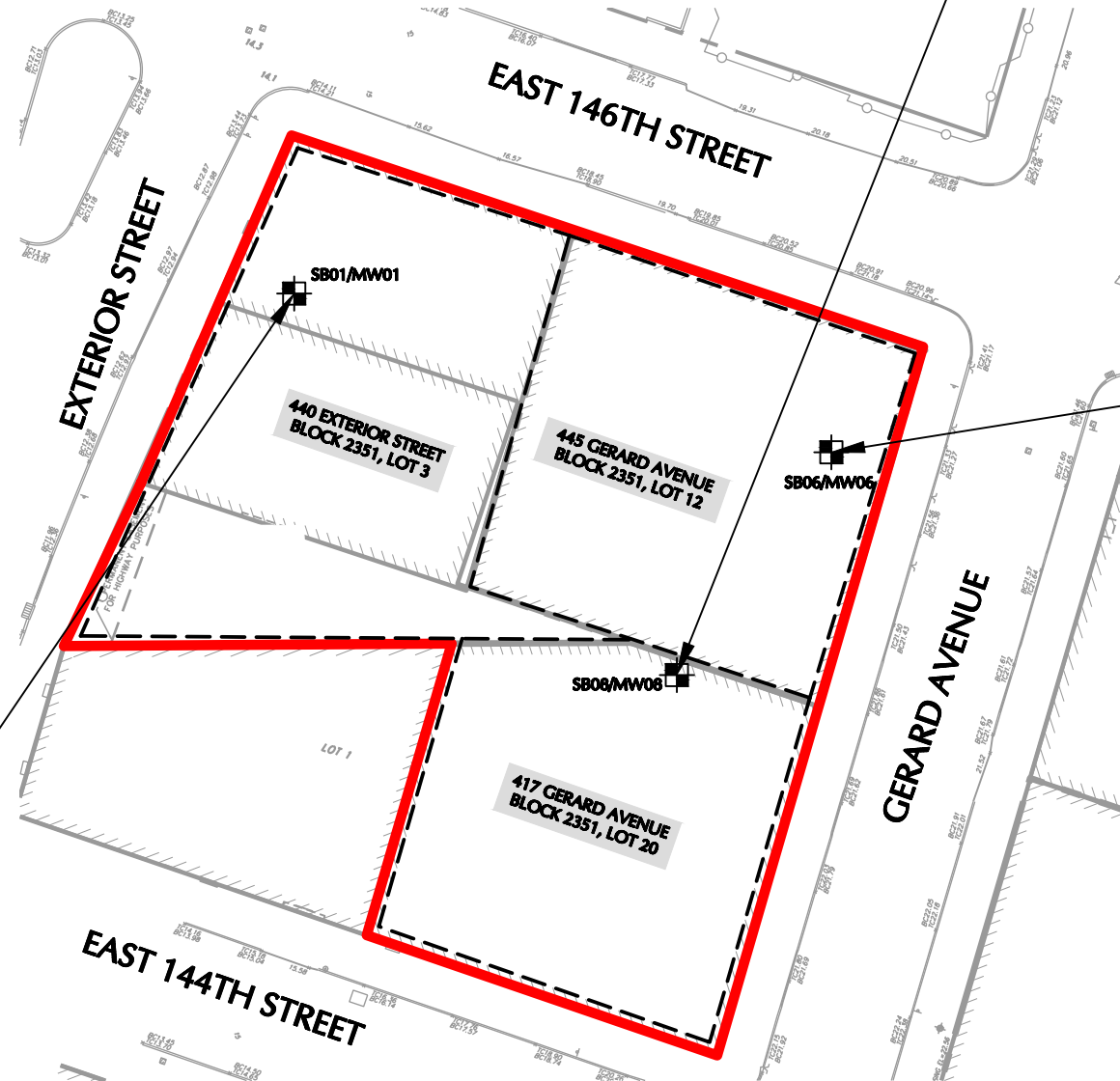
LOCATION	MW08_090817
SCREENED INTERVAL (FEET BGS)	17-27
VOCs (µg/L)	
sec-Butylbenzene	5.3
SVOCs (µg/L)	
Benzo(a)anthracene	0.13
Benzo(a)pyrene	0.11
Benzo(b)fluoranthene	0.18
Benzo(k)fluoranthene	0.07
Chrysene	0.12
Indeno(1,2,3-cd)pyrene	0.06
PCBs (µg/L)	
Total PCBs	ND
Dissolved Metals (µg/L)	
Total Dissolved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

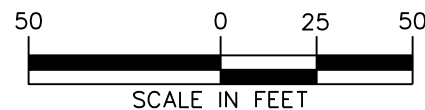
1. THE BASEMAP IS REFERENCED FROM THE SURVEY PREPARED BY LANGAN DATED OCTOBER 10, 2017.
2. TEMPORARY MONITORING WELL LOCATIONS ARE BASED ON FIELD MEASUREMENTS.
3. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL AND OPERATIONAL 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
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 BLOCK No. 2351, LOT Nos. 3, 12, & 20
 BRONX NEW YORK

Figure Title
GROUNDWATER SAMPLE LOCATION AND RESULTS MAP

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

SAMPLE ID	SV01_090717
SAMPLE DEPTH (FEET BGS)	9
VOCs (µg/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 (µg/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 (µg/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 (µg/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

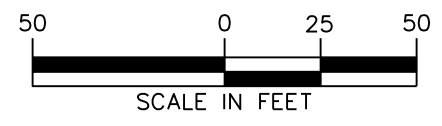
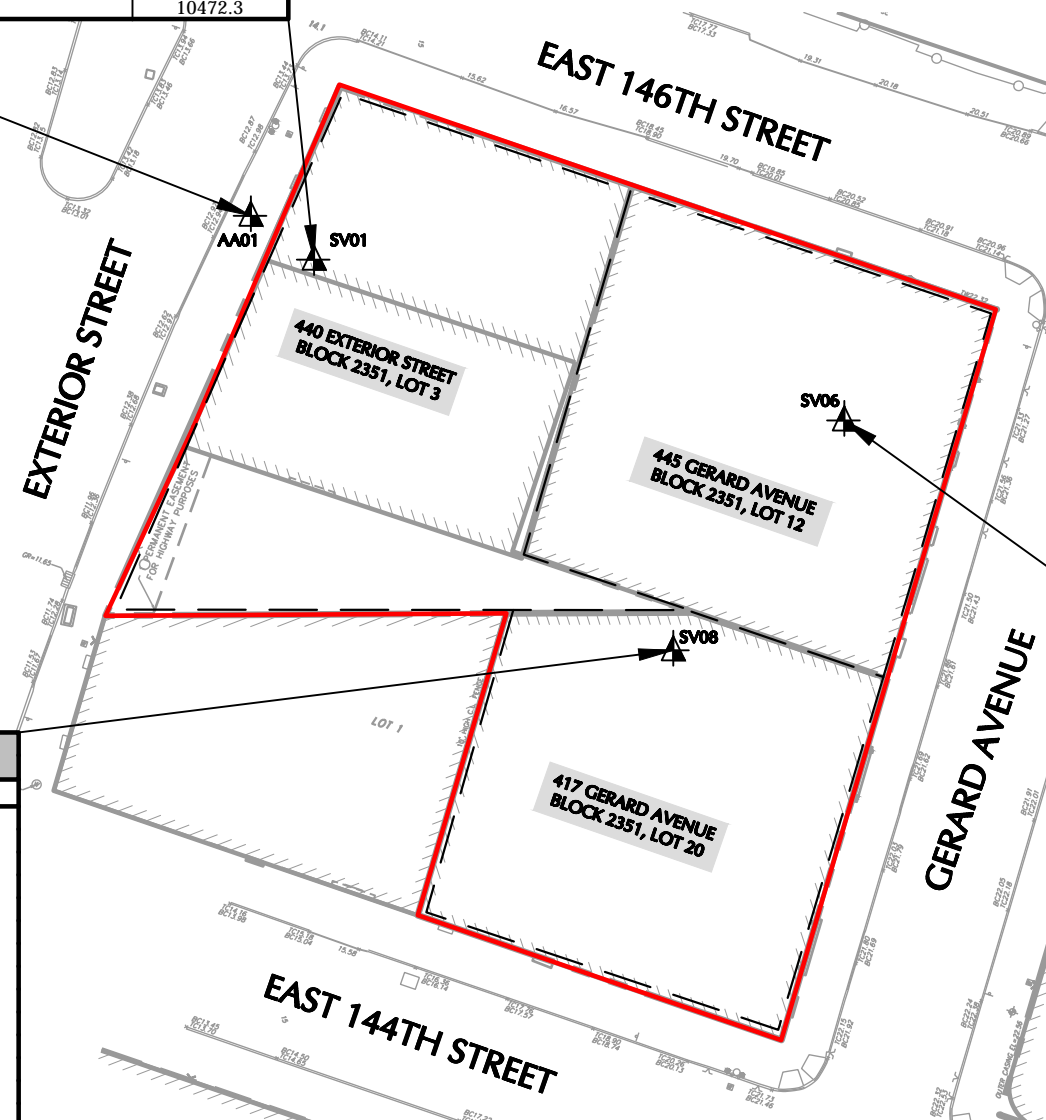
NYSDOH AGVs	
VOCs (µg/m ³)	
Tetrachloroethene	30

LEGEND:

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

NOTES:

1. THE BASEMAP IS REFERENCED FROM THE SURVEY PREPARED BY LANGAN DATED OCTOBER 10, 2017.
2. SOIL VAPOR SAMPLES ARE BASED ON FIELD MEASUREMENTS.
3. AMBIENT AIR AND SOIL VAPOR SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF HEALTH (NYSDOH) AIR GUIDELINE VALUES (AGVs).
4. RESULTS EXCEEDING THE NYSDOH AGVs ARE SHADED AND BOLD.
5. TOTAL VOCs IS THE SUM OF DETECTED VOCs.
6. VOCs = VOLATILE ORGANIC COMPOUNDS
7. BGS = BELOW GRADE SURFACE
8. µg/m³ = MICROGRAMS PER CUBIC METER



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21 Penn Plaza, 360 West 31st Street, 8th Floor New York, NY 10001 T: 212.479.5400 F: 212.479.5444 www.langan.com <small>Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. S.A. Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. Langan Engineering and Environmental Services, Inc. Langan CT, Inc. Langan International LLC Collectively known as Langan</small>	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 Date 9/12/2017 Scale 1" = 50' Drawn By VZ Checked By MLR Submission Date	Figure No. 3 Sheet 3 of 3
	Filename: \\wangan.com\data\NYC\data0\170487001\Cadd Data - 170487001\SheetFiles\Environmental\Subsurface Investigation\Soil Vapor Sample Detections Map.dwg Date: 1/31/2018 Time: 09:54 User: vzuluaga Style Table: Langan.stb Layout: SV DETECTIONS			

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:

1. 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).
2. Only analytes with detections are shown in the table.
3. Results exceeding UU SCOs are bolded.
4. Results exceeding RRU SCOs are shaded and bolded.
5. Reporting limits (RL) above the UU SCOs are italicized.
6. mg/kg = milligrams per kilogram
7. ~ = no regulatory limit has been established for this analyte
8. 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:

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- Only analytes with detections are shown in the table.
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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:

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P = The Relative Percent Difference (RPD) between the results for two columns exceeds the method-specified criteria
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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	NYSDOH	AA01_090716	SV01_090716	SV06_090617	SV08_090617
SAMPLING DATE	AGVs	9/7/2017	9/7/2017	9/6/2017	9/6/2017
LAB SAMPLE ID		L1731622-02	L1731622-01	L1731370-01	L1731370-02
SAMPLING MATRIX		Ambient Air	Soil Vapor	Soil Vapor	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 B/Loin	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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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 (0-24") 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					
		35					
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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			

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	
		2					0.0	
		3					0.0	
		4						
		5						
	R2 (0-20") loose, brown, fine SAND, trace fine gravel, brick, glass, coal, coal slag, coal ash, (dry), [FILL]	6	2	MACROCORE	20/48	NA		
		7					0.5	Collect grab sample SB02_6-7 @ 1535
		8					0.0	
		9					0.1	
		10						
	R3a (0-8") loose, brown, fine SAND, trace fine gravel, brick, (dry), [FILL]	11	3	MACROCORE	24/48	NA	0.0	
	R3b (8-10") loose, white, fine GRAVEL, trace fine sand, (possible cobble), (dry), [FILL]	12					0.0	
	R3c (10-24") medium dense, dark brown, fine SAND, trace fine gravel, coal, coal ash, (moist), [FILL]	13					0.0	
		14					0.0	
	R4a (0-6") medium dense, brown, fine SAND, trace silt, brick, (moist), [FILL]	15	4	MACROCORE	18/48	NA	3.2	
	R4b (6-18") medium dense, mottled brown over black, fine SAND, some silt, (moist), [FINE SAND]	16					3.2	
		17					3.4	
		18						
		19						
	R5 (0-12") medium dense, mottled brown over black, fine SAND, some silt, (moist), [FINE SAND]	20	5	MACROCORE	12/48	NA	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						
		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 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		PID Reading (ppm)
	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	
		15					0.4	
		16					0.2	
		17					0.4	
	R4 (0-24") medium dense, gray, fine SAND, trace silt, trace fine gravel, (moist), [FILL]	18	4	MACROCORE	24/48	NA		
		19						
		20						
	R5a (0-12") medium dense, brown, fine SAND, trace silt, trace fine gravel, (moist), [FILL]	21	5	MACROCORE	40/48	NA		
	R5b (12-26") medium dense, black, fine SAND, brick, coal, (moist), [FILL]	22						
	R5c (26-40") medium dense, gray, silty CLAY, trace fine SAND (moist), [CLAY]	23					246	Collect grab sample SB03_18-19
		24					50	
		25					0.7	
		26					0.4	

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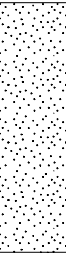
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Project		Project No.						
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001						
Location		Elevation and Datum						
Bronx, NY		NA						
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
			Number	Type	Recov. (in)	Penetr. resist. BL/6in		PID Reading (ppm)
	R6a (0-45") 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	EOB @ 24' borehole backfilled with #2 sand & capped with concrete
		21					0.7	
		22					0.7	
		23					0.7	
		24					0.8	
		25					0.7	
		26					0.7	
		27					0.4	
		28					0.0	
		29						
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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 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		PID Reading (ppm)
	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 find 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				
		30				
		31				
		32				
		33				
		34				
		35				
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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			

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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	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]	19					0.8	EOB @ 20' Borehole backfilled with soil cuttings to surface grade
		20					0.8	

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/Join		
	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	0.5 105	
	R5c (24-33") medium dense, brown, fine SAND, (moist), [SAND]	19					2486	
		20					2799	
							1175	
							3300	

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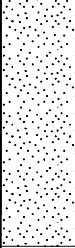
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Project		Project No.						
Gerard Ave & 146th Street (Block 2354, Lot 3)		170487001						
Location		Elevation and Datum						
Bronx, NY		NA						
MATERIAL SYMBOL	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, 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						
		22						
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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			

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						Background PID levels: 0.4 ppm Collect grab sample SB07_0-2 @1400
	R1 (0-15") loose, brown, fine SAND, some silt, coal, concrete, (dry), [FILL]	1				0.4		
		2	1	MACROCORE	15/48	NA	0.4	
		3					0.4	
		4						
		5						
		6	2	MACROCORE	12/48	NA		
	R2 (0-12") loose, dark brown, fine SAND, some fine gravel, concrete, brick, coal, coal ash, (dry), [FILL]	7					0.4	
		8					0.4	
		9						
		10	3	MACROCORE	20/48	NA		
	R3 (0-14") medium dense, brown, fine SAND, trace fine gravel, trace mica schist, (dry), [SAND]	11					0.4	
		12					0.4	
		13						
		14	4	MACROCORE	14/48	NA		
	R4 (0-14") medium dense, brown, fine SAND, some fine gravel, trace silt, (dry), [SAND]	15					0.4	
		16					0.4	
		17						
	R5a (0-6") loose, gray, fine SAND, some fine gravel, trace silt, (moist), [SAND]	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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Log of Boring

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		PID Reading (ppm)
	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					
		28					
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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	1	MACROCORE	14/48	NA	0.7	SB08_0-2 @ 1155 Background PID levels: 0.7 ppm	
		2					0.7		
		3							
		4							
		5							
	R2 (0-12") loose, grayish-brown, fine SAND, concrete, brick, (dry), [FILL]	7	2	MACROCORE	12/48	NA	0.7		
		8					0.7		
		9							
	R3a (0-6") loose, gray, fine SAND, brick, coal, coal ash, (dry), [FILL]	10	3	MACROCORE	30/48	NA	0.7		
	R3b (6-30") medium dense, brown, fine SAND, trace silt, (dry), [SAND]	11					0.7		
		12					0.7		
		13					0.7		
		14					0.7		
	R4 (0-14") medium dense, brown, fine SAND, trace silt, trace fine gravel, (dry), [SAND]	15	4	MACROCORE	14/48	NA	0.7		
		16					0.7		
		17							
		18							
	R5 (0-16") dense, gray, silty CLAY, trace fine SAND, organic fibers, (moist), [CLAY]	19	5	MACROCORE	16/48	NA	0.7		
		20					0.7		

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Log of Boring


SB08

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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 (0-10") 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					
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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		PID Reading (ppm)
	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			
		3							
		4							
	R3 (0-24") medium dense, gray, coarse GRAVEL, some fine SAND, (dry), [GRAVEL]	5							
		6							
		7							
	R4 (0-24") medium dense, gray, coarse GRAVEL, some fine sand, some fine gravel, (dry), [GRAVEL]	8							
		9							
		10	3	MACROCORE	24/48	NA			
	R5a (0-11") loose, gray, coarse GRAVEL, some fine gravel, some fine sand, (dry), [GRAVEL]	11							
		12							
		13							
	R5b (11-15") medium dense, brown, fine SAND, some silt, trace	14	4	MACROCORE	24/48	NA			
		15							
		16							
			17						
			18	5	MACROCORE	15/48	NA		
			19						
		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					
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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		PID Reading (ppm)
	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	Background PID level: 1.0 - 1.7 ppm
		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	Petroleum-like odors and staining observed Collect grab sample SB11_19.5-20

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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 (0-24") 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	
21							
		22					692
		23					970
		24					250
		25					101
		26					43
		27					90
		28					
		29					
		30					
		31					
		32					
		33					
		34					
		35					
		36					
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		38					
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		45					

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Petroleum-like odors and staining observed

EOB 25' borehole backfilled with #2 sand to surface grade

LANGAN

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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LANGAN

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				

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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		PID Reading (ppm)
	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						

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

LANGAN

Log of Boring

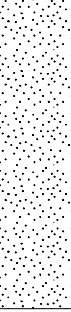
SB13

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		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%;">IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)</th> <th style="width: 15%;">DEPTH (FEET FROM SURFACE)</th> <th style="width: 55%;">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;">8.5</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">9</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	8.5			9	
IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	DEPTH (FEET FROM SURFACE)			NOTES														
SURFACE	SURFACE																	
Top of Seal	0																	
Top of Pack	8.5																	
	9																	
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																		
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		SURFACE	
HELIUM TEST IN BUCKET(%): 17.6%				0	
HELIUM TEST IN TUBE (PPM): 0				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

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: 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

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 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)

*Values in parentheses indicate holding time in days



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.



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

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 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
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					
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
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					
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
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					
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

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								
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

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): 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

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): 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

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): 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

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): 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

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): 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
1,1,2,2-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

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): 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

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								
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

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								
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 Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
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**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
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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	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): 01-02,04,07,09 Batch: WG1039349-2 WG1039349-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance 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 %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								
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

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								
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**Lab Number:** L1731335**Project Number:** 170487001**Report Date:** 09/14/17**Method Blank Analysis
Batch Quality Control**Analytical Method: 1,8081B
Analytical Date: 09/11/17 17:28
Analyst: KEGExtraction 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

Lab Number: L1731335

Project Number: 170487001

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	<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): 05 Batch: WG1039570-2 WG1039570-3

<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	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

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					
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

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					
Zinc, Total	119	-	80-120	-	

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	MS 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
Project Number: 170487001

Serial_No:09141715:13
Lab Number: L1731335
Report Date: 09/14/17

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(*)
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)

*Values in parentheses indicate holding time in days



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)

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(*)
L1731335-07D	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)

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

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

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 & 146 STREET
Project Number: 170487001

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

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 & 146 STREET
Project Number: 170487001

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

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.

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 #:		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"/>		Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		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)		
Other project specific requirements/comments:		Please specify Metals or TAL.		VOCs SVOCs Metals PCBs/Pesticides		Total Bottles		
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials		Sample Specific Comments	
31335-01	SB04-6-7	9/6/17	1745	S				
02	SB08-23-24		1700					
03	SB08-0-2		1655					
04	SB07-0-2		1400				HOLD ANALYSIS	
05	FB01-090617	9/6/17	1515	AQ				
06	FB02-090617		-	AQ				
07	SB06-23-23.5		1000	S				
08	SB06-11-12		1005				HOLD ANALYSIS	
09	SB05-6-7		1300					
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: <u>Daniel Fischer AAL</u> <u>Angela</u>		Date/Time: <u>9/6/17 15:50</u> <u>9/6/17 17:55</u> <u>9/6 2:00</u>		Received By: <u>Daniel Fischer AAL</u> <u>APB-AA</u> <u>Samuelle Watt</u>		Date/Time: <u>9/6/17 15:50</u> <u>9/6/17</u> <u>9/6/17 22:00</u>		



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

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: 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**Lab Number:** L1731370**Project Number:** 170487001**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**Lab Number:** L1731370**Project Number:** 170487001**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**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								
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

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-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	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								
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.

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



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
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Volatile Organics by GC/MS - Westborough Lab						
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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.
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						
1,3-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.

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												
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

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												
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.

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

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.
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
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.

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
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	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
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	<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): 01,06 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 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	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								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance 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 %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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.**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-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1041792-2 WG1041792-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance 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

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 09/09/17 08:42
Analyst: HT

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

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.
Project Number: 170487001

Lab Number: L1731603
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	<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): 01 Batch: WG1041362-2 WG1041362-3

<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	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.**Lab Number:** L1731603**Project Number:** 170487001**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.
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

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
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 AVENUE + EAST 146TH ST.
Project Number: 170487001

Lab Number: L1731603
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 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.

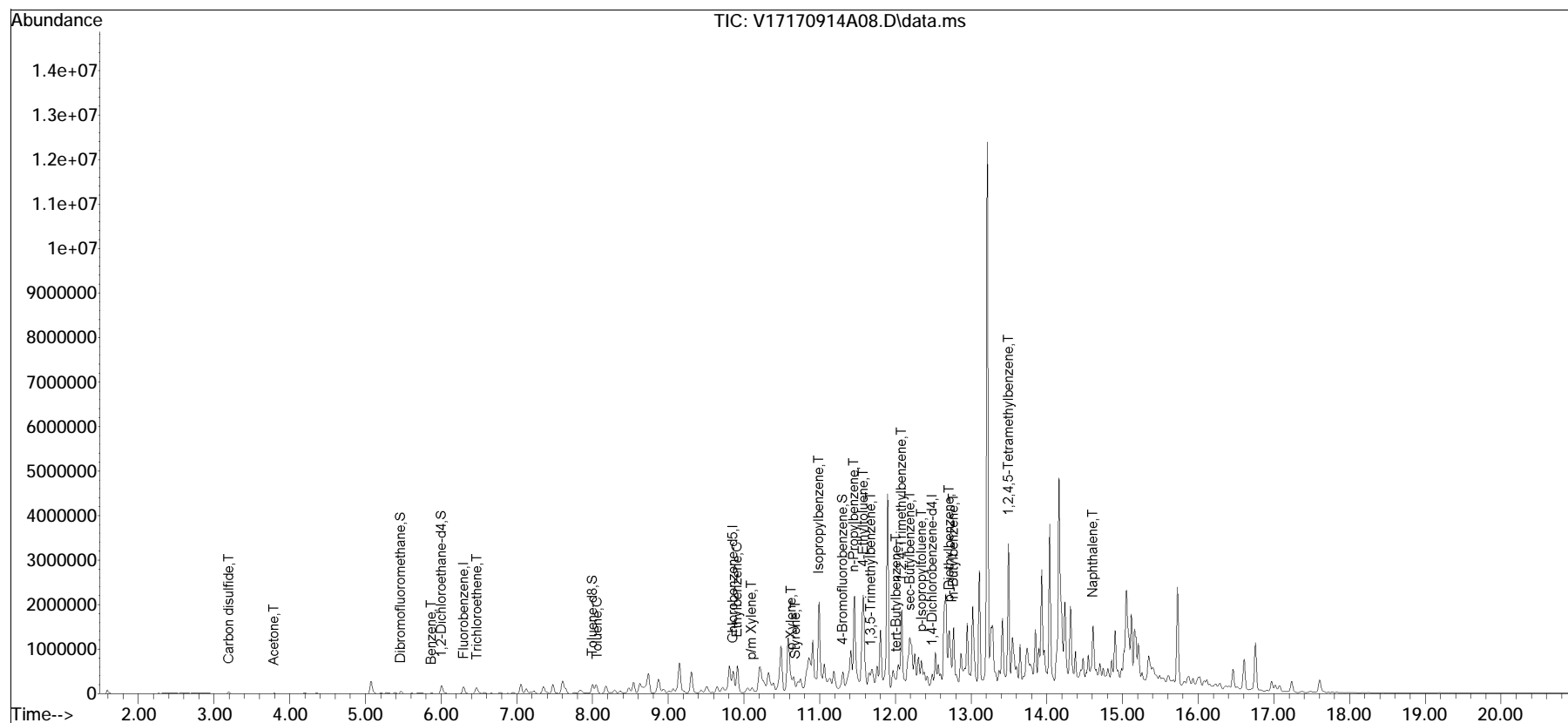
 Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW YORK CHAIN OF CUSTODY Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page		Date Rec'd in Lab	9/7/17	ALPHA Job #	2173/603	
			1 of 1	Project Information		Deliverables		Billing Information	
Client Information		Project Name: <u>Gerard Avenue + EAST 146th Street</u>		<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 #			
Client: <u>LANGAN</u>		Project Location: <u>Bronx, New York</u>		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:			
Address: <u>360 West 31st Street New York, NY 10001</u>		Project # <u>170487001</u>							
Phone: <u>212 479 5400</u>		Project Manager: <u>Michele Rogers</u>		ANALYSIS VOCs SVOCs TAL Metals PCBs/PEST TDH/T & Dissolved Metals		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)			
Fax: <u>212 479 5444</u>		ALPHAQuote #:							
Email: <u>mrogers@langan.com</u>		Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Total Bottles		Sample Specific Comments			
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments: <u>Dissolved metals were field filtered</u>		Please specify Metals or TAL.							
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials				
		Date	Time						
<u>31603-01</u>	<u>FB02-090717</u>	<u>9/7/16</u>	<u>1545</u>	<u>AQ</u>	<u>VZ</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>02</u>	<u>SB01-115-12</u>		<u>0950</u>	<u>SO</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<u>03</u>	<u>SB02-6-7</u>		<u>1335</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<u>04</u>	<u>SB03-18-19</u>		<u>1540</u>			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<u>05</u>	<u>SB04-6-7</u>	<u>9/5/17</u>	<u>1745</u>					<input checked="" type="checkbox"/>	
<u>06</u>	<u>MWD1-D90717</u>	<u>9/7/17</u>	<u>1310</u>	<u>AQ</u>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>
<u>07</u>	<u>TB03-090717</u>	<u>9/11/17</u>	<u>—</u>	<u>AQ</u>		<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Preservative Code:		Container Code		Westboro: Certification No: MA935		Container Type		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		Preservative			
		Relinquished By:		Date/Time		Received By:		Date/Time	
		<u>Angel B...</u>		<u>9/7/17 1626</u>		<u>ADL</u>		<u>9/7/17 1620</u>	
		<u>Angel B...</u>		<u>9/7/17 1824</u>		<u>ADL</u>		<u>9/7/17 1730</u>	
		<u>Angel B...</u>		<u>9/7/17 2200</u>		<u>Danielle Math</u>		<u>9/7/17 22:00</u>	

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

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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: 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
Project Number: 170487001

Lab Number: L1731622
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

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-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
 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								
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
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								
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
 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								
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	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								

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
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								
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: 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								
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	ANALYSIS					Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum						TO-15	TO-15 SIM	APH <small>Subtract Non-petroleum HCs</small>	Fixed Gases	Sulfides & Mercaptans by TO-15	
<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>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<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>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

*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: <u>[Signature]</u>	Date/Time: <u>9/7/17 1626</u>	Received By: <u>[Signature]</u>	Date/Time: <u>9/17/17 1626</u>
<u>[Signature]</u>	<u>9/7/17 1824</u>	<u>[Signature]</u>	<u>9-8-17 0200</u>
<u>[Signature]</u>	<u>09/08/17 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

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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
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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
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
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
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					

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		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								
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
Project Number: 170487001

Lab Number: L1731771
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): 01-03 Batch: WG1040338-2 WG1040338-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> 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 %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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	<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): 01-03 Batch: WG1040341-2 WG1040341-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> 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

Lab Number: L1731771

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): 01-03 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

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): 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		-

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

Serial_No:09151715:57
Lab Number: L1731771
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

Project Number: 170487001

Serial_No:09151715:57

Lab Number: L1731771

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(*)**

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
Project Number: 170487001

Lab Number: L1731771
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: 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


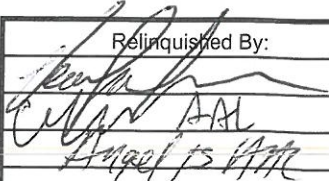
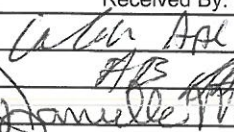
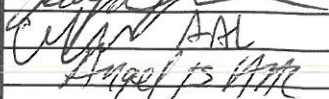
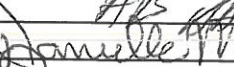
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

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 # L1731771								
		1 of 1			9/8/17							
Project Information Project Name: Gerard Ave & East 146th Street Project Location: Bronx, NY Project # 170457001		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: LANGAN Address: 3100 West 31st Street New York, NY 10001 Phone: 212 479 5400 Fax: 212 479 5444 Email: mrogers@langan.com		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"/>		Turn-Around Time Standard <input 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"/>												
Other project specific requirements/comments: <div style="border: 1px solid black; padding: 5px; margin: 5px;"> Dissolved metals to be lab filtered </div>												
Please specify Metals or TAL.												
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS				Sample Filtration	Total Bottle	
		Date	Time			VOCS	SVOCs	Total Dissolved Metals	PCBs			<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)
31771-01	MW08_090817	9/8/17	1125	AQ	YZ	x	x	x	x			<input type="checkbox"/> Lab to do Sample Specific Comments
-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:		Date/Time		Received By:		Date/Time						
		9/8/17 15:01				9/8/17 15:01						
		9/8 22:00				9/8 22:00						



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

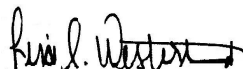
Soil was not present in the high-level methanol preserved vials received. An aliquot was split from another container and preserved with methanol.

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**Lab Number:** L1734010**Project Number:** 170487001**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		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									
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.

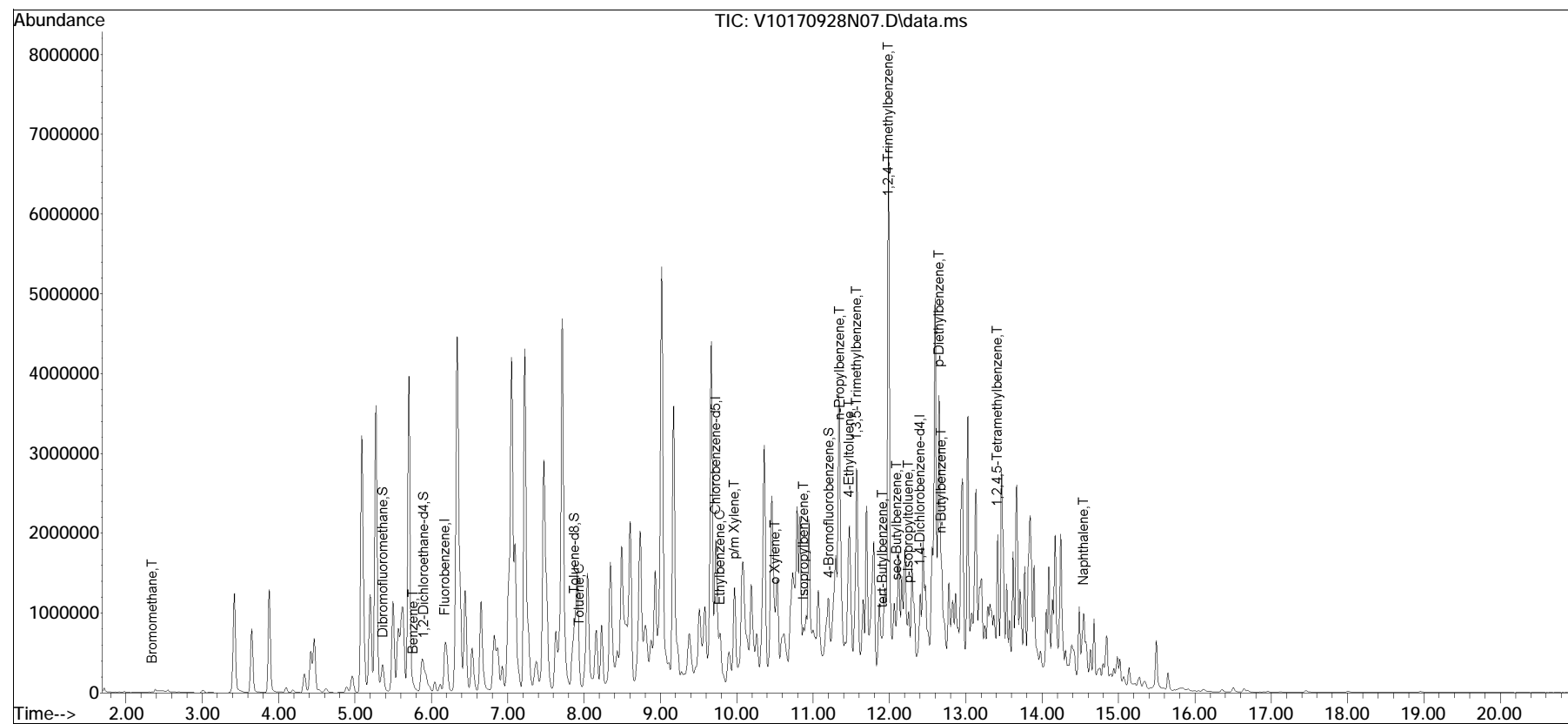
 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105	Page	Date Rec'd in Lab 9/22/17	ALPHA Job # L1734016					
		of							
Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		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"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #			
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 Manager: Michele Rogers ALPHAQuote #:		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:			
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		ANALYSIS (Please Specify below)		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below)		Total Bottle			
These samples have been previously analyzed by Alpha <input type="checkbox"/>							Other project specific requirements/comments:		
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: 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 V Preservative FIA			
		Relinquished By: [Signature] BBB		Date/Time 9/22/17 15:04 9-22-17-16:52 9/22 2215		Received By: [Signature] BAB AAC AMS AM [Signature]		Date/Time 9-22-17-15:04 9/22 1730 9/22/17 2215	
Form No: 01-25 HC (rev. 30-Sept-2013)		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\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•

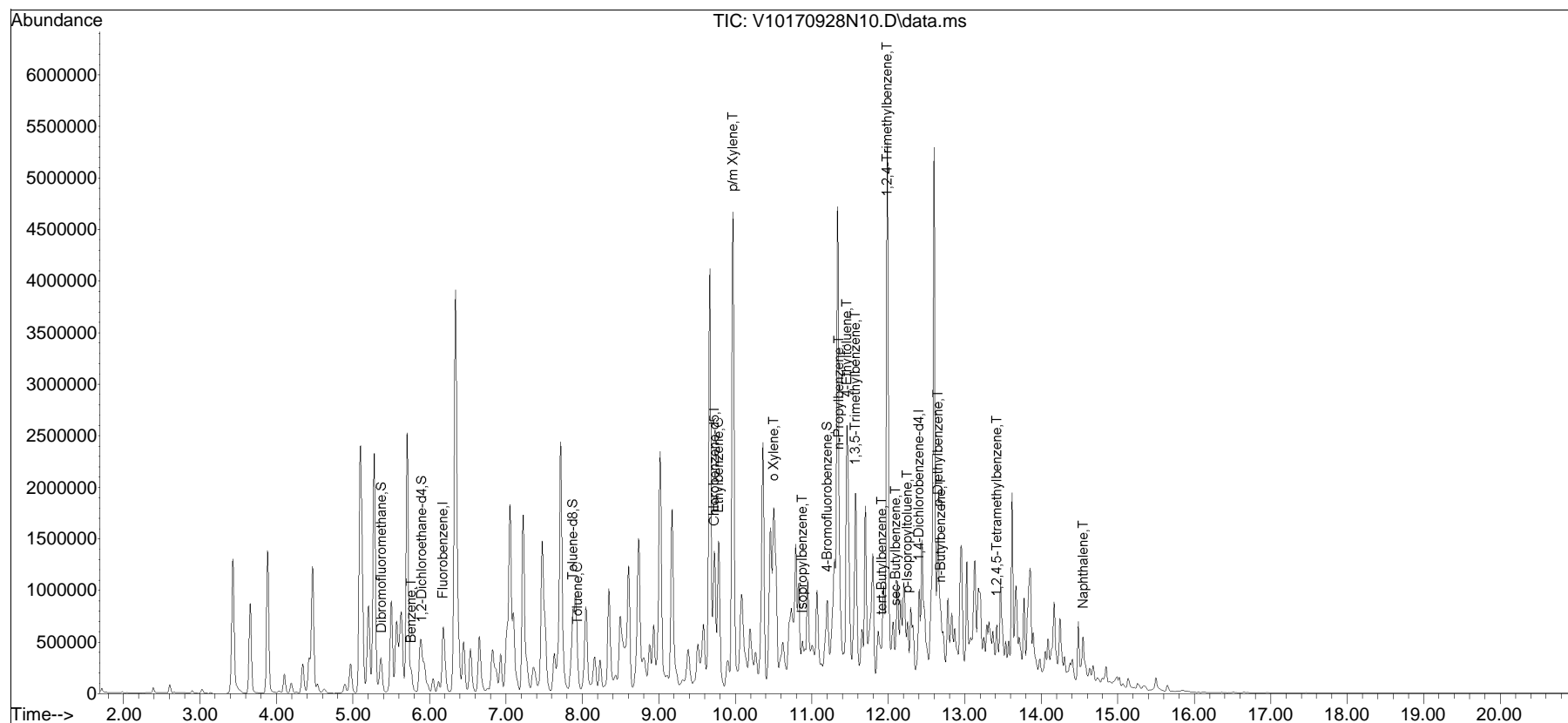


Quantitation Report (QT Reviewed)

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 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•



PHASE I ENVIRONMENTAL SITE ASSESSMENT

for

**404 EXTERIOR STREET
Bronx, New York**

Prepared For:

**445 Gerard LLC
c/o Domain Companies
11 Park Place, Suite 1705
New York, New York**

Prepared By:

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

April 3, 2019

Langan Project No. 170487001

LANGAN

TABLE OF CONTENTS

EXECUTIVE SUMMARY	3
1.0 INTRODUCTION	5
1.1 Scope of the ESA	5
1.2 Assumptions, Limitations, and Exceptions	6
2.0 SUBJECT PROPERTY DESCRIPTION	8
2.1 Location and Description	8
2.2 Description of Site Improvements	9
2.3 Title Records	9
3.0 USER PROVIDED INFORMATION	11
3.1 User Questionnaire	11
3.2 Summary of Previous Environmental Reports of Adjoining Properties	11
4.0 ENVIRONMENTAL RECORDS	12
4.1 Federal Agency Database Findings	14
4.2 State Agency Database Findings	15
4.3 Other Database Findings	19
4.4 Local Regulatory Agency Findings	20
4.5 Physical Setting Sources	21
4.5.1 Topography	21
4.5.2 Geology	21
4.5.3 Hydrology	21
4.6 Historical Use Information	22
4.6.1 Aerial Photographs	22
4.6.2 Sanborn Fire Insurance Maps	22
4.6.3 Historical USGS Topographic Quadrangles	23
4.6.4 City Directories	23
4.6.5 Environmental Lien Search	24
5.0 SITE RECONNAISSANCE	25
5.1 Methodology and Limiting Conditions	25
5.2 Date and Time of Inspection	25
5.3 General Site Setting and Reconnaissance Observations	25
6.0 INTERVIEWS	28
6.1 Subject Property Owner/Occupant	28
6.2 Tenants/Operators of Adjacent Properties	28
7.0 ADDITIONAL SERVICES	29
7.1 Radon	29
7.2 ACM, LBP, and PCBs	29
8.0 DEVIATIONS AND DATA GAPS	30
8.1 Deviations	30
8.2 Data Gaps	30
9.0 FINDINGS, OPINIONS, AND CONCLUSIONS	31
10.0 REFERENCES	33
11.0 STATEMENT OF QUALIFICATIONS AND SIGNATURES	34

FIGURES

Figure 1	Subject Property Location Map
Figure 2	Recognized Environmental Conditions Map

APPENDICES

Appendix A	Site Reconnaissance Photographs
Appendix B	User Questionnaire
Appendix C	Environmental Data Resources Inc.™ Radius Map Report
Appendix D	Freedom of Information Act Requests
Appendix E	New York City Department of Building Records
Appendix F	New York City Department of City Planning Records and Zoning Map
Appendix G	Aerial Photographs
Appendix H	Sanborn Fire Insurance Maps
Appendix I	Historical USGS Topographic Quadrangle Maps
Appendix J	City Directory Abstract
Appendix K	Environmental Lien Search
Appendix L	Resumes

EXECUTIVE SUMMARY

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) prepared this Phase I Environmental Site Assessment (ESA) on behalf of 445 Gerard LLC (the User) for the property at 404 Exterior Street in the Mott Haven neighborhood of the Bronx, New York (the Subject Property). The Subject Property is identified as Block 2351, Lot 1 on the New York City (NYC) Bronx Borough Tax Map and is 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. The Subject Property spans about 6,500 square feet and is developed with a one-story building with two partial cellars constructed in 1931 that is used for food preparation and food cart storage.

This Phase I ESA was conducted in accordance with the ASTM International (ASTM) E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process) and the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) Rule for the purpose of identifying Recognized Environmental Conditions (REC), historical RECs (HREC), controlled RECs (CREC), and business environmental risks (BER). HRECs or CRECs were not identified and the others are summarized below.

REC

A REC is defined by ASTM E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property due to any release to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. The Phase I ESA identified the following RECs:

REC 1 – Historical Use of Subject Property

Historical use of the Subject Property included a chemical laboratory and/or chemical manufacturing facility (1944-1951), paint company (1956, 1965), and unspecified manufacturing (1951-2007). An unregistered aboveground storage tank (AST) of unknown condition, and storage of unknown chemicals were observed in the cellar during the site reconnaissance. Close inspection of the AST and chemical storage areas was precluded by the concrete encasement, storage equipment and debris. Inadvertent releases of petroleum products, solvents, and/or other hazardous substances related to former site use and/or the AST may have impacted soil, groundwater and/or soil vapor at the Subject Property.

REC 2 – Current and Historical Use of Surrounding Properties

Current and historical industrial and manufacturing operations at the following adjoining and surrounding properties may have resulted in inadvertent releases of petroleum products,

solvents, and/or other hazardous substances to groundwater and/or soil vapor at the Subject Property:

- Garage with a 550-gallon gasoline underground storage tank (UST) (1935 – 1951) at 440 Exterior Street (north-adjointing and cross-gradient property)
- Auto repair and/or garage with two 550-gallon gasoline USTs (1935 – 1951) at 417 Gerard Avenue (east-adjointing and up-gradient property)
- Miscellaneous manufacturing facilities (1940 – 2005) and Resource Conservation and Recovery Act (RCRA) Large Quantity Generators (LQG) (1981, 1990, 1992, 1994, and 1998) at 385 Gerard Avenue (south-adjointing and cross-gradient property)
- Auto repair and/or garage with one or two 550-gallon gasoline USTs (1927 – 1978), auto repair (1980-1993), and unspecified manufacturing facility (1989-2007) at 445 Gerard Avenue (northeast-adjointing and up-gradient property)

REC 3 – Known Contamination at Adjoining and Surrounding Properties

Documented soil, groundwater, and soil vapor impacts were observed at adjoining 445 Gerard Avenue (BCP Site No. C203111 and open Spill No. 1705596), as well as the nearby 414 Gerard Avenue (BCP Site No. C203106) and 477 Gerard Avenue (BCP Site No. C203071). Identified contamination at the adjoining BCP site at 445 Gerard Avenue may have impacted groundwater and/or soil vapor at the Subject Property.

BER

A BER is defined by ASTM E1527-13 as a risk that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate not necessarily limited to those environmental issues required to be investigated in this practice. The following BERs were identified for the Subject Property:

- The Subject Property has an E-Designation for hazardous materials and noise (E-227 and City Environmental Quality Review [CEQR] No. 08DCP071X), and future redevelopment is subject to review and approval by the NYC Office of Environmental Remediation (OER). The E-designation requires the owner to satisfy OER protocols prior to redevelopment and new building occupancy.
- Previous investigations conducted in the area identified historic fill material to depths of up to 20 feet below ground surface (bgs). Historic fill typically contains contaminant concentrations above current regulatory levels and at potentially hazardous concentrations. The presence of this material may require implementation of contaminated soil handling and management procedures during site redevelopment to address excavation, re-use, handling, and off-site disposal.

1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) prepared this Phase I Environmental Site Assessment (ESA) on behalf of 445 Gerard LLC (the User) for the property at 404 Exterior Street in the Mott Haven neighborhood of Bronx, New York (the Subject Property). The Subject Property is identified as Tax Block 2351, Lot 1 on the New York City (NYC) Bronx Borough Tax Map and is 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 Major Deegan Expressway to the west. The Subject Property spans about 6,500 square feet and is developed with a one-story building constructed in 1931 that is used for warehouse storage.

This Phase I ESA was prepared in accordance with ASTM International (ASTM) E1527-13 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process) and the United States Environmental Protection Agency (USEPA) 40 Code of Federal Regulations (CFR) Part 312 Subpart C Standards and Practices §312.20 All Appropriate Inquires (AAI) Rule. The purpose of this ESA is to accomplish the following:

1. Identify Recognized Environmental Conditions (REC) in connection with the Subject Property, as defined in ASTM E1527-13, which states: The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (a) due to any release to the environment; (b) under conditions indicative of a release to the environment; or (c) under conditions that pose a material threat of a future release to the environment. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.
2. Provide information consistent with USEPA AAI Rule.

1.1 Scope of the ESA

This ESA was conducted utilizing a standard of good commercial and customary practice that is consistent with ASTM E1527-13. Any significant scope-of-work additions, deletions, or deviations to ASTM E1527-13 are noted in Section 8.0 of this report. In general, the scope of this assessment consisted of obtaining information from the User; reviewing reasonably ascertainable information and environmental data relating to the Subject Property; reviewing maps and records maintained by federal, state, and local regulatory agencies; interviewing persons knowledgeable about the Subject Property; and conducting a site inspection. The specific scope of this assessment included the following:

1. A site reconnaissance to characterize conditions and assess the location of the Subject Property with respect to adjoining and surrounding property uses and natural surface features. The reconnaissance included the surrounding roads and observations of surrounding properties from public rights-of-way to identify obvious potential environmental conditions on neighboring properties. The site reconnaissance was conducted in a systematic manner focusing on the spatial extent of the Subject Property and then progressing to adjoining and surrounding properties. Photographs taken as part of the site reconnaissance are provided in Appendix A.
2. A review of the responses to the User/Owner questionnaire, which is included in Appendix B.
3. A review of environmental databases maintained by the USEPA, state, and local agencies within the approximate minimum search distances. The environmental database report was provided by Environmental Data Resources, Inc. (EDR), and is included in Appendix C.
4. Filing of Freedom of Information Act (FOIA) requests with federal, state, and local agencies. Copies of the FOIA requests and responses are included in Appendix D.
5. A review of NYC Department of Buildings (DOB) and NYC Department of City Planning (DCP) records, and a Zoning Map. Available DOB and DCP records and the Zoning Map are included in Appendices E and F, respectively.
6. A review of physical characteristics of the Subject Property through a review of referenced sources for topographic, geologic, soils and hydrologic data.
7. A review and interpretation of aerial photographs, Sanborn Fire Insurance Maps (Sanborn Maps), historical topographic maps, and city directories to identify previous activities on and near the Subject Property. Copies are included in Appendices G, H, I, and J, respectively.
8. A review of an Environmental Lien search for the Subject Property. A copy of the environmental lien search report is included as Appendix K.
9. A review of published radon data to evaluate whether the Subject Property is located in an area with a propensity for elevated radon levels.

1.2 Assumptions, Limitations, and Exceptions

This Phase I ESA report was prepared for 445 Gerard LLC c/o Domain Companies (the User) for the property at 404 Exterior Street in the Mott Haven neighborhood of Bronx, New York (the Subject Property). The report is intended to be used in its entirety. Excerpts taken from this report are not necessarily representative of the assessment findings. Langan cannot assume

responsibility for use of this report for any property other than the Subject Property addressed herein, or by any other third party without a written authorization from Langan.

Langan's scope of services, which is described in Section 1.1, was limited to that agreed to with the User and no other services beyond those explicitly stated are implied. The services performed and agreed upon for this effort comports to those prescribed in ASTM E1527-13. Intrusive sampling (i.e., soil borings and groundwater sampling) was not performed as part of this Phase I ESA.

This Phase I ESA is not intended to be a definitive investigation of possible environmental impacts at the Subject Property. The purpose of this investigation was limited to determining if there is reason to suspect the possibility of RECs at the Subject Property. It should be understood that even the most comprehensive Phase I ESA might fail to detect environmental liabilities at a particular Subject Property. Therefore, Langan cannot "insure" or "certify" that the Subject Property is free of environmental impacts. No expressed or implied representation or warranty is included or intended in this report, except that our services were performed, within the limits prescribed by the User, with the customary standard of care exercised by professionals performing similar services under similar circumstances within the same jurisdiction.

The conclusions, opinions, and recommendations provided in this report are based solely on the specific activities as required for the performance of ASTM E1527-13 and are intended exclusively for the purpose stated herein, at the specified Subject Property, as it existed at the time of our site reconnaissance.

2.0 SUBJECT PROPERTY DESCRIPTION

2.1 Location and Description

The Subject Property is located at 404 Exterior Street in the Mott Haven neighborhood of Bronx, New York (the Subject Property). The Subject Property is identified as Tax Block 2351, Lot 1 on the NYC Bronx Borough Tax Map and 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. The Subject Property spans about 6,500 square feet and is developed with a one-story building with two partial cellars, constructed in 1931, that is used for food preparation and food cart storage.

Industrial, commercial, and institutional buildings characterize the surrounding area. The following is a summary of surrounding property usage:

Direction	Adjoining Properties			Adjacent Properties
	Block No.	Lot No.	Description	
North	2351	3	Vacant one-story warehouse (440 Exterior Street)	Hotel buildings, construction sites, vacant lots
East	2351	20	Active construction site (414 Gerard Avenue)	Multi-story industrial and institutional buildings, vacant lots, and open space and outdoor recreation areas
South	East 144 th Street			Multi-story industrial and institutional buildings and parking lots
	2349	90	Twelve-story storage warehouse (385 Gerard Avenue)	
West	Major Wm Deegan Boulevard (also known as Exterior Street)			Warehouses, parking lots Harlem River

According to a survey prepared by Langan, dated October 10, 2017, sidewalk elevations range from about elevation (el) 12 feet¹ along Exterior Street to el 16 feet along East 144th Street. The topography of the site slopes west toward the Harlem River. The general surrounding area slopes gently toward the Hudson River, which is located about 400 feet west of the Subject Property. A site location map is included as Figure 1.

2.2 Description of Site Improvements

Improvements at the Subject Property are summarized in the following table:

SITE IMPROVEMENTS	
Size of the Subject Property	About 6,500 square feet
Buildings/Spaces/Structures	One-story warehouse building with two partial cellars
Surface Water	None
Potable Water Source	Municipal
Sanitary and Storm Sewer Utilities	Municipal
Electrical Utilities	Con Edison
Construction Completion Date	1931
General Construction Type	Brick
Cooling and Ventilation System Type	None
Heating System Type	Natural Gas
Emergency Power	None

2.3 Title Records

Langan researched ownership records for the Subject Property at the Automated City Register Information System (ACRIS) website (<https://a836-acris.nyc.gov/DS/DocumentSearch/Index>). The New York City Department of Finance – Office of the City Register listed Rocket Jewelry Box Inc as the owner. Available deed information is presented in the following table.

¹ Elevations in this report refer to North American Vertical Datum of 1988 (NAVD88), which is about 1.1 feet above mean sea level at Sandy Hook, NJ.

Bronx Block 2351, Lot 1		
Date Filed	First Party	Second Party
09/11/1969	101 East 144 th Street Corp	Rocket Jewelry Box Inc

Langan's review of ownership records did not identify RECs.

3.0 USER PROVIDED INFORMATION

3.1 User Questionnaire

Per ASTM E1527-13, a questionnaire was provided to the User to inquire about specialized information related to the Subject Property. The user questionnaire was completed by Stephen Ohnemus of 445 Gerard LLC and was returned to Langan on March 7, 2019. Mr. Ohnemus indicated that he was unaware of environmental liens, land use limitations, or cleanups at the Subject Property. A copy of the completed questionnaire is included in Appendix B.

3.2 Summary of Previous Environmental Reports of Adjoining Properties

Langan was not provided with any prior environmental reports for the Subject Property.

4.0 ENVIRONMENTAL RECORDS

A regulatory database search was provided by EDR and is included in Appendix C. The EDR report provides a listing of sites identified on select federal and state standard source environmental databases within the approximate search radius specified by ASTM E1527-13. Langan reviewed each environmental database on a record-by-record basis to evaluate whether the identified sites represent a potential for environmental impact to the Subject Property. Langan also reviewed "Orphan Sites" listed within the report. Orphan Sites are those sites that could not be mapped due to inadequate address information. Any Orphan Sites that were identified by Langan within the ASTM search radii, either during the site reconnaissance or by cross-referencing to mapped listings, are addressed in the discussion below.

The following table lists the number of sites identified in standard and additional environmental record databases, within the prescribed search radius and appearing in the EDR Report.

DATABASE RECORD SUMMARY			
Database Reviewed (Date of government version)	Minimum Search Area	Subject Property listed	Number of Sites Within Minimum Search Area
USEPA DATABASES			
National Priorities List (NPL) (12/12/2018)	1 Mile Radius	No	0
Delisted NPL (12/12/2018)	1 Mile Radius	No	0
Superfund Enterprise Management System (SEMS) and SEMS-ARCHIVE (12/13/2018)	1/2 Mile Radius	No	0
Resource Conservation and Recovery Act (RCRA) Corrective Reports (CORRACTS) (03/01/2018)	1 Mile Radius	No	0
RCRA Treatment, Storage, and Disposal Facilities (TSDf) (03/01/2018)	1/2 Mile Radius	No	0
RCRA Generators (RCRA-large quantity generator [LQG], RCRA-small quantity generator [SQG], RCRA-conditionally exempt small quantity generator [CESQG], RCRA Non-Gen) (03/01/2018)	Subject Property and Adjoining	No	6
Facility Index System (FINDS) (11/15/2018)	Subject Property	No	0
Environmental Response Notification System (ERNS) (02/04/2019)	Subject Property	No	0
Engineering Controls (EC) Sites Lists (01/31/2019)	Subject Property	No	0
Institutional Controls (IC) Sites Lists (01/31/2019)	Subject Property	No	0

DATABASE RECORD SUMMARY			
Database Reviewed (Date of government version)	Minimum Search Area	Subject Property listed	Number of Sites Within Minimum Search Area
NYSDEC DATABASES			
Inactive State Hazardous Waste Sites (SHWS) and Delisted SHWS (11/12/2018)	1 Mile Radius	No	8
Hazardous Substance Waste Disposal Site Inventory (HSWDS) (01/01/2003)	1/2 Mile Radius	No	0
Solid Waste or Landfill Facilities (SWF/LF) (12/31/2018)	1/2 Mile Radius	No	3
Leaking Tanks (LTANKS) (11/12/2018)	1/2 Mile Radius	No	53
SPILLS Information Database (NY SPILLS) (11/12/2018)	1/8 Mile Radius	No	17
Voluntary Cleanup Program (VCP) (12/14/2018)	1/2 Mile Radius	No	5
Brownfields (11/12/2018)	1/2 Mile Radius	No	6
Chemical Bulk Storage (CBS) Underground storage tank (UST) and aboveground storage tanks (AST) Databases (02/11/2019)	Subject Property and Adjoining	No	0
EC Sites (11/12/2018)	Subject Property	No	0
IC Sites (11/12/2018)	Subject Property	No	0
Major Oil Storage Facilities (MOSF) UST and AST Databases (02/11/2019)	Subject Property and Adjoining	No	0
Registered and Historical Drycleaners (NY DRYCLEANERS) (03/07/2018)	1/4 Mile Radius	No	1
Petroleum Bulk Storage Facilities (PBS) UST and AST Databases (09/25/2018)	Subject Property and Adjoining	No	1
EDR (PROPRIETARY) DATABASES			
EDR Former Manufactured Gas Plant (MGP) Sites (08/28/2009)	1 Mile Radius	No	1
EDR US Historical Auto Stations (02/21/2007)	1/8 Mile Radius	No	2
EDR US Historical Cleaners (02/21/2007)	1/8 Mile Radius	No	0

NYSDEC – New York State Department of Environmental Conservation

A description of the reviewed databases is provided in the EDR Report (Appendix C). A summary of sites identified within the prescribed search area is presented below.

4.1 Federal Agency Database Findings

The Subject Property and/or sites within the respective minimum search distances as specified by ASTM E1527-13 were not listed in the following Federal Agency databases: NPL, Delisted NPL, SEMS and SEMS Archive, RCRA CORRACTS, RCRA TDSF, FINDS, ERNS, EC sites, or IC sites. The following summary describes the sites identified within the designated search radii:

RCRA Generators Database

The RCRA generators/transporters database is USEPA'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 that generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. RCRA Databases include Large Quantity Generators (LQG), Small Quantity Generators (SQG), Conditionally Exempt Small Quantity Generators (CESQG), and Non Generators (NonGen). The minimum search radius for the databases includes the Subject Property and adjoining properties.

The Subject Property is not listed in the RCRA databases; however, six listings were identified at 385 Gerard Avenue in the RCRA databases and discussed below:

Site Name: 'Sport Screen Inc' and 'Sport Screen Inc 2nd Floor' Sites

Site Address: 385 Gerard Avenue, Bronx, NY

Location: South-adjoining properties across East 144th Street

Description: Sport Screen Inc is listed in the RCRA Non-Gen database as a historic non-gen (1999 and 2006), SQG (1992), and LQG (1990) of ignitable wastes (D001). The site is listed in the FINDS database because of its RCRA status. No violations were reported for this site and it is not a REC.

Site Name: Con Edison – Vault Submersible 109

Site Address: 385 Gerard Avenue, Bronx, NY

Location: South-adjoining property across East 144th Street

Description: This site was identified in the RCRA LQG database as a generator of hazardous lead (D008). Con Edison maintains an internal protocol for managing hazardous substances and no violations were reported for this site; therefore, this listing is not a REC.

Site Name: Northeast Lamp Recycling Inc

Site Address: 385 Gerard Avenue, Bronx, NY

Location: South-adjoining property across East 144th Street

Description: Northeast Lamp Recycling Inc is listed in the RCRA Non-Gen database as a historic non-gen (2006), CESQG (2004) of unlisted wastes. No violations were reported for this site and it is not a REC.

Site Name: S&S Industries Inc

Site Address: 385 Gerard Avenue, Bronx, NY

Location: South-adjoining property across East 144th Street

Description: S&S Industries Inc is listed in the RCRA Non-Gen database as a historic non-gen (2006) and as a LQG (1981, 1990, 1992, 1994, and 1998) of spent halogenated solvent wastes (F001). This site received four notices of violations between 1987 and 1999 but achieved compliance within three to six months of each violation. Because of its record of multiple violations and proximity to the site, hazardous substances and/or solvents at this site may have impacted groundwater or soil vapor at the Subject Property, and therefore the listing is a REC.

Site Name: Barkley Building

Site Address: 385 Gerard Avenue, Bronx, NY

Location: South-adjoining property across East 144th Street

Description: Barkley Building is listed in the RCRA Non-Gen database as a historic non-gen (1996, 2006) and LQG (1993) of ignitable wastes (D001) and corrosive hazardous wastes (D002). No violations were reported for this site and it is not a REC.

One listing was identified outside of the minimum search distance at a surrounding property located about 15 feet northeast and up-gradient of the Subject Property and discussed below.

Site Name: Stone Services Inc

Site Address: 445 Gerard Avenue, Bronx, NY

Location: About 15 feet northeast and up-gradient of Subject Property

Description: Stone Services Inc is listed in the RCRA Non-Gen database as a historic non-gen (2006), SQG (1989), and LQG (1989) of ignitable wastes (D001). No violations were reported for this site. The site is listed in the FINDS database because of its RCRA status. The NY Manifest records indicate that 1,688 pounds of unknown wastes were generated. No violations were reported for this listing and it is not a REC.

4.2 State Agency Database Findings

The Subject Property and sites within the respective minimum search distances as specified by ASTM E1527-13 were not listed in the following State Agency databases: HSWDS, CBS UST and AST, EC sites, IC sites, and MOSF. The following summary describes the sites identified within the designated search radii:

NY SHWS Database

The SHWS records are the states' equivalent to SEMS, and may or may not already be listed on the SEMS database. Priority sites planned for cleanup using state funds (state equivalent of

Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The Subject Property was not listed in the SHWS database. Seven sites, including two Orphan sites (Bronxchester URA Site 1A and Mott Haven MGP Plume Trackdown), were identified within the minimum search distance of 1 mile from the Subject Property. The nearest site, "2350 Fifth Avenue Co", is located more than 1,100 feet to the west and hydraulically down-gradient of the Subject Property. Because of the location of the sites relative to the Subject Property, it is unlikely that hazardous substances and/or petroleum at this site have impacted groundwater or soil vapor at the Subject Property, and therefore the listing is not a REC.

SWF/LF

The SWF/LF database is a comprehensive listing of State permitted or recorded solid waste facilities. The Subject Property was not listed in the SWF/LF database; however, three facilities were identified within the search radius. Two of the sites are located cross-gradient and more than 800 feet from the Subject Property. The remaining site, New York Recycling LLC is located more than 200 feet and down-gradient from the Subject Property. Because of their relative location and distance from the Subject Property, these SWF/LF sites are not RECs.

NY Leaking Storage Tanks Database

The LTANKS database contains an inventory of reported leaking storage tank incidents, including leaking USTs and ASTs. The primary causes of LTANK incidents include tank test failures, tank failures, and tank overfills. The approximate minimum search distance required for LTANKS incidents is within 1/2-mile of the Subject Property. The Subject Property was not listed in the LTANK database; however, 53 LTANK incidents were identified within the search radius. Fifty-two LTANK incidents were closed by the NYSDEC and are not RECs. The remaining LTANK incident, Lincoln Medical Center (Spill No. 1502628), is located more than 2,000 feet from the Subject Property and is not a REC.

NY Spills Database

The Spills database, maintained and updated by the NYSDEC, is an inventory of sites where spills have been identified and reported to the NYSDEC. EDR's search radius for the Spills database is a 1/8-mile radius. The Subject Property was not listed in the Spills database; however, 17 spill sites were identified. Of the 17 spills, 14 of them were granted closed status by the NYSDEC and are not RECs. One of the listed Spills, Phase 2 - OER (Spill No. 1407530) is located more than 400 feet away and cross-gradient from the Subject Property. Because of its distance and gradient relative to the Subject Property, and current regulatory status, this Spill site is not a REC. The two remaining Spill listings are described below:

Site Name: Stone Services Inc

Site Address: 445 Gerard Avenue, Bronx, NY

Location: About 15 feet northeast and up-gradient of Subject Property

Description: Spill No. 1705596 was reported on September 6, 2017 when evidence of petroleum impacts were observed during a subsurface investigation at the site. The site is also listed in the RCRA Non-Gen database (discussed above). The site is also listed as a BCP site (BCP Site No. C203111). Due to the documented petroleum impacts and proximity of the site relative to the Subject Property, it is likely that hazardous substances and/or petroleum at this site have impacted groundwater or soil vapor at the Subject Property, and therefore the listing is a REC.

Site Name: Soil

Site Address: 414 Gerard Avenue, Bronx, NY

Location: Approximately 180 feet east of the Subject Property across Gerard Avenue

Description: Spill No. 1705442 was reported on August 31, 2017 when evidence of petroleum impacts were observed during a subsurface investigation completed at the site; however, evidence that the spill has impacted the Subject Property was not observed during the subsequent Remedial Investigation. As such, the listing is not a REC.

VCP Database

The New York State 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. The Subject Property was not listed in the VCP database; however, five sites were listed within ½-mile. The five VCP sites are located more than 400 feet from the Subject Property at cross or down-gradient locations. Because of distance and relative location from the Subject Property, the listed VCP sites are not RECs.

Brownfield Sites

The NYSDEC Brownfield Cleanup Program (BCP) encourages private-sector cleanups of brownfields and to promote their redevelopment as a means to revitalize economically blighted communities. The BCP is an alternative to greenfield development and is intended to remove some of the barriers to, and provide tax incentives for, the redevelopment of urban brownfields. Sites listed in the NY Brownfield database are investigated and remediated under the BCP. The Subject Property was not listed as a NY Brownfield site; however, six NY Brownfield sites were identified within 1/2 mile of the Subject Property. Four of the sites are located more than 850 feet cross or down gradient and are not expected to impact the subsurface at the Subject Property. The two remaining BCP sites are described below:

Site Name: Former Rocket Jewelry Box Site

Site Address: 414 Gerard Avenue, Bronx, NY

Location: Approximately 180 feet east of the Subject Property across Gerard Avenue

Description: Past uses of the BCP Site No. C203106 included light manufacturing from at least 1954 to 2016. A 3,000 gallon #2 fuel oil AST (PBS No. 2-207209) was installed in 1953. According to the BCP listing, several polycyclic aromatic hydrocarbons (PAHs), metals, and PCBs were detected at concentrations above the NYS Unrestricted Use Soil Cleanup Objectives (UU SCOs). Chloroform and two SVOCs were detected at concentrations above the Class GA standards for groundwater. Tetrachloroethene (PCE) and trichloroethene (TCE) were detected in soil vapor. It is unknown if the groundwater and soil vapor contamination extend off-site. The site is also listed in the Spills and RCRA databases (discussed above). Because of the documented contamination at the site and its up-gradient location relative to the Subject Property, it is possible that hazardous substances at the site have impacted groundwater or soil vapor at the Subject Property; therefore, the listing is a REC.

Site Name: 477 Gerard Avenue

Site Address: 477 Gerard Avenue, Bronx, NY

Location: About 330 feet northeast (cross-gradient) of the Subject Property

Description: Past uses of the BCP Site No. C203071 included commercial and industrial facilities since at least 1908 (including an auto junkyard and auto repair facility). PAHs, metals and PCBs were detected in soil above the UU SCOs. Two VOCs (p-isopropyltoluene and 1,2,4-trimethylbenzene) were detected in groundwater above the Class GA standards. According to the listing, soil vapor contamination is not expected to be migrating off-site. It is unclear whether contaminated groundwater is migrating off-site since the NYSDEC did not require off-site investigation. Because of the documented contamination at the site and its location relative to the Subject Property, it is possible that hazardous substances and/or petroleum at the site have impacted groundwater or soil vapor at the Subject Property; therefore, the listing is a REC.

NY Drycleaners

The NY Drycleaners database includes registered dry cleaning facilities in New York State. Dry cleaning facilities are associated with the use of tetrachloroethene (PCE), a solvent that has the potential to infiltrate groundwater and can readily migrate to surrounding properties. The Subject Property was not listed in the NY Drycleaners database; however, one dry cleaning facility was identified within 1/4-mile of the Subject Property. The listed dry cleaner is located more than 1,100 feet west (down-gradient) and across the Harlem River from the Subject Property. Because of distance and relative location to the Subject Property, the listed dry cleaner is not a REC.

NY PBS UST and AST Database

The PBS UST and AST databases contain records of registered USTs and/or ASTs. A registered UST and/or AST does not constitute a REC, in and of itself; however, properties listed on the TANKS, UST and/or AST lists with a reported leak, spill, or release could constitute a REC with respect to the Subject Property. The minimum search distance required for USTs and ASTs is the Subject Property and adjoining properties. A PBS registration is not associated with the Subject Property. One adjoining property is listed in the PBS AST database and is described below:

Site Name: 385 Gerard Avenue

Site Address: 385 Gerard Avenue, Bronx, NY

Location: South-adjoining property across East 144th Street

Description: PBS No. 2-400319 corresponds to one 10,000-gallon #6 fuel oil AST installed on April 10, 1941 that was closed in place on January 17, 2015. Records note that the AST was in contact with soil. The tank rested on soil and precluded visual inspection of the tank bottom. A PBS registration noted that the tank was contained in a vault without access as a secondary containment. No leaks were detected and the tank is not associated with spill or LTANK incidents. Because of a lack of documented spills, presence of a containment vault, and its closed-in-place status, this AST listing is not a REC.

4.3 Other Database Findings

Manufactured Gas Plant Sites

The MGP Site database is a proprietary database that includes records of historical manufactured coal gas plants compiled by EDR. The Subject Property was not listed in the MGP database. One MGP site was listed within EDR's search distance of 1 mile, but is located more than 3,600 feet from the Subject Property across the Harlem River. Because of its distance from the Subject Property the listed MGP site is not a REC.

Historical Auto

The Historical Auto database is a proprietary database that lists potential gas station/filling station/service station sites because of review of national collections of business directories 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 Subject Property was not identified in the database. Two surrounding sites were identified within 1/8 mile of the Subject Property. Both listings are located more than 300 feet from the Subject Property at cross-gradient locations, and are not RECs.

4.4 Local Regulatory Agency Findings

FOIA Requests

FOIA requests were submitted in March 2019 to the following federal, state, and local agencies via written correspondence:

- NYC Department of Environmental Protection (DEP)
- NYC Department of Health and Mental Hygiene (DHMH)
- NYC Fire Department (FDNY)
- New York State Department of Health (NYSDOH)
- NYSDEC
- USEPA, Region 2

To date, responses have not been received. Should future responses alter the conclusions of this Phase I ESA, an addendum will be issued. Copies of the FOIA requests are included in Appendix D.

New York City Department of Buildings

Langan conducted a records search through the DOB online Building Information System (BIS) on March 21, 2019. The Subject Property is identified as Block 2351, Lot 1 with Building Identification Number (BIN) 2001093 with a Department of Finance classification of E-9 Warehouse, which is often used for miscellaneous warehouses. No Certificates of Occupancy (CO) were filed. A copy of the DOB property profile is provided in Appendix E.

Zoning Department

According to the NYC Planning Commission Zoning Map 6a, the Subject Property is located within the Lower Concourse Special Mixed Use Paired District (M1-4/R8A). This paired district promotes development and expansion of the longstanding mix of residential, commercial, industrial, and cultural use throughout the area. M1 districts typically include light industrial uses such as woodworking shops, repair shops, and wholesale service and storage facilities, and R8 districts promote residential development. A copy of the zoning map is provided in Appendix F.

E Designation

The Planning Commission coordinates a program, through rezoning efforts, to identify properties requiring an assessment of environmental site conditions because of documented historical use, requiring attenuation of neighborhood noise conditions, and/or special measures to mitigate against exacerbation of neighborhood air quality issues. These properties are identified as part of the environmental review process associated with discretionary actions, and are then noted

as E-Designated. For properties that have been so designated, the DOB is restricted from issuing building permits until the NYC Office of Environmental Remediation (OER) reviews information prepared by an environmental professional and makes a determination to issue a "Notice-of-No-Objection" or a "Notice-to-Proceed" to the DOB.

The Subject Property has an E-Designation for hazardous materials and noise (E-227 and City Environmental Quality Review [CEQR] No. 08DCP071X). The E-designation requires the owner to satisfy OER protocols prior to redevelopment and new building occupancy and is a business environmental risk (BER).

4.5 Physical Setting Sources

4.5.1 Topography

According to a survey prepared by Langan, dated October 10, 2017, sidewalk elevations range from about el 12 feet along Exterior Street to el 16 feet along East 144th Street. The topography of the site slopes west toward the Harlem River. The general surrounding area slopes gently toward the Hudson River, which is located about 400 feet west of the Subject Property.

4.5.2 Geology

Geological surface features (e.g., rock outcroppings) were not observed at the Subject Property during the site reconnaissance. Soil and bedrock stratigraphy throughout Manhattan typically consists of a layer of historical fill that overlies glacial till, decomposed unconsolidated bedrock, and bedrock. Previous investigations conducted in the area identified historic fill material to depths of up to 20 feet below ground surface (bgs). Historic fill typically contains contaminant concentrations above current regulatory levels and at potentially hazardous concentrations. Based on the Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York and Parts of Bergen and Hudson Counties New Jersey, by Charles A. Baskerville, dated 1994, the bedrock formation underlying the Subject Property consists of rock of the Lower Cambrian Age (Manhattan Schist Formation), rock of the Middle Ordovician Age (Walloomsac Formation), and rock of the Lower Ordovician to Lower Cambrian Age (Inwood Marble).

The presence of historic fill may require implementation of contaminated soil handling and management procedures during site redevelopment to address excavation, re-use, handling, and off-site disposal and is a BER.

4.5.3 Hydrology

Groundwater flow is typically topographically influenced, as shallow groundwater tends to originate in areas of topographic highs and flow toward areas of topographic lows, such as rivers, stream valleys, ponds, and wetlands. A broader, interconnected hydrogeologic network often

governs groundwater flow at depth or in the bedrock aquifer. Groundwater depth and flow direction are also subject to hydrogeologic and anthropogenic variables such as precipitation, evaporation, extent of vegetative cover, and coverage by impervious surfaces. Other factors influencing groundwater include depth to bedrock, the presence of artificial fill, and variability in local geology and groundwater sources or sinks.

Based on previous investigations conducted in the area, groundwater at the Subject Property is expected to be at about 12 feet bgs and generally flows to the west toward the Harlem River (about 400 feet west of the Subject Property). Groundwater in this part of NYC is not used as a potable water source. Potable water is provided to Manhattan by the City of New York and is derived from surface impoundments in the Croton, Catskill, and Delaware watersheds.

According to the Federal Emergency Management Agency (FEMA) Preliminary Flood Insurance Rate Map (FIRM) dated December 5, 2013 (Map Number 3604970083G), the Subject Property is located in Zone X, which is within the area of minimal flood hazard.

4.6 Historical Use Information

Langan reviewed available historic resources (including aerial photographs, Sanborn and topographic maps, and city directories) dated 1891 through 2017. Findings of the reviews are presented below.

4.6.1 Aerial Photographs

Langan reviewed aerial photographs of the Subject Property and surrounding areas for the years 1924, 1951, 1954, 1961, 1966, 1975, 1984, 1991, 1995, 2006, 2009, 2013, and 2017. The Subject Property has been located within a densely developed urban area since at least 1924. The Subject Property appears to be undeveloped in 1924. By 1951, the existing Subject Property building was constructed. The review of the historic aerial photographs did not identify RECs. Copies of aerial photographs are included in Appendix G.

4.6.2 Sanborn Fire Insurance Maps

Langan reviewed Sanborn Maps for the Subject Property for the years 1891, 1903, 1908, 1922, 1928, 1935, 1944, 1946, 1947, 1951, 1977, 1978, 1980, 1981, 1984, 1986, 1989, 1991 through 1996, 1998, and 2001 through 2007. Sanborn Maps include detailed historical property information for many cities and towns in the United States. Copies of the maps are provided in Appendix H.

Langan's Sanborn Map review revealed that the Subject Property was located in a developed urban area as early as 1908. The Subject Property appears undeveloped in 1891 and 1903. A lumber storage company is shown on the Subject Property on the 1908 map. No buildings are shown on the 1922 and 1928 maps. A one-story building with a basement is shown on the

Subject Property on maps from 1935 to 2007. From 1935 to 1944 the one-story building on the Subject Property was labeled as a tile company. From 1944 to 1951 the Subject Property was occupied by a chemical laboratory or chemical manufacturing facility. The Subject Property was occupied by an unspecified manufacturing facility from 1951 to 2007. Historic use of the Subject Property as a chemical laboratory or chemical manufacturing facility (1944 - 1951), and as an unspecified manufacturing facility (1951 - 2007) is a REC.

Adjoining and surrounding properties generally consisted of industrial, commercial and residential uses. The following uses were noted at the adjoining and surrounding properties and are RECs:

- North-adjoining property (440 Exterior Street)
 - Garage with one 550-gallon gasoline UST (1935 – 1951)
- East-adjoining property (417 Gerard Avenue)
 - Garage and/or auto repair with two 550-gallon gasoline USTs (1935 – 1951)
- Adjacent property to the northeast, about 15 feet from the Subject Property (445 Gerard Avenue)
 - Garage and/or auto repair with two 550-gallon gasoline USTs (1935 – 1946)
 - Garage and/or auto repair with one 550-gallon gasoline UST (1947 - 1978)
 - Auto repair (1980 – 1986)
 - Unspecified manufacturing facility (1989 – 2007)

4.6.3 Historical USGS Topographic Quadrangles

Langan reviewed historical United States Geological Survey (USGS) Topographic Quadrangles obtained from EDR for information regarding past uses of the Subject Property. Quadrangle maps were available for the Subject Property for the years 1897, 1898, 1900, 1905, 1947, 1956, 1966, 1979, 1997 and 2013. Copies of the topographic maps are provided in Appendix I.

Based on a review of the historical topographic maps, the Subject Property was located in a densely developed urban environment since 1897. The Harlem River adjoined the Subject Property to the west from 1897 to 1900. By 1947, it appears that the Harlem River bulkhead line was moved westward and the Subject Property is adjoined by land reclaimed from the Harlem River. The review of the historical topographic quadrangles did not reveal evidence of RECs. The likely presence of historic fill on the Subject Property is a BER as discussed above.

4.6.4 City Directories

The City Directory Abstract, obtained from EDR, is a review of available business directories, including city, cross-reference, and telephone directories, at approximately three- to five-year intervals for the years spanning 1927 through 2014. A copy of the City Directory Abstract is provided in Appendix J. The Subject Property and adjoining properties were listed as various

commercial, manufacturing, and industrial tenants. The Subject Property was listed as a tile company (1940), a laboratory (1949), chemical company (1949) and a painting company (1956). Inadvertent releases of petroleum products, solvents, and/or other hazardous substances related to former site use as a painting company and chemical laboratory and company may have impacted groundwater and/or soil vapor at the Subject Property and is a REC.

The following adjoining property uses are RECs:

- South-adjoining property (385 Gerard Avenue)
 - Miscellaneous manufacturing facility (1940 to 2005).
- Adjacent property to the northeast, about 15 feet from the Subject Property (445 Gerard Avenue)
 - Auto repair (1927 – 1993)

4.6.5 Environmental Lien Search

Reasonably ascertainable recorded land title records and lien records that are filed under federal, tribal, state, or local law should be reviewed to identify environmental liens or AULs, if any, that are currently recorded against the property. An environmental lien and AUL search was provided by EDR to confirm whether environmental liens or AULs (engineering or institutional controls) existed for the property. Environmental liens and AULs were not identified for the Subject Property. A deed indicated that that Subject Property is owned by Rocket Jewelry Box Inc. A copy of the Environmental Lien Search is provided in Appendix K.

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

The site reconnaissance was conducted in a systematic manner focusing on the spatial extent of the Subject Property and then progressing to the adjoining and surrounding properties. The assessment of the adjoining and surrounding properties was limited to identifying, if possible, any indications of past or current uses that may involve the use, storage, disposal, or generation of hazardous substances or petroleum products; noting the general type of current uses; noting the general topography of the surrounding area; and providing a general description of adjoining or adjacent structures.

Storage of equipment and debris within the two partial cellars at the Subject Property inhibited access beyond the doorways and is a limiting condition. Observations of the two cellars were made from the entrances along Exterior Street.

5.2 Date and Time of Inspection

The reconnaissance was performed at 9:00am on March 19, 2019 by Elizabeth Burgess of Langan. Ms. Burgess was accompanied by Ira Oppenheim during the reconnaissance. Mr. Oppenheim has worked as the plant manager at the Subject Property for 13 years. Weather at the time of the inspection was clear and about 40 degrees Fahrenheit. Site reconnaissance photographs are included in Appendix A.

5.3 General Site Setting and Reconnaissance Observations

The Subject Property occupies a footprint of about 6,500 square feet and is occupied by a one-story building with two partial cellars. The current tenant at the Subject Property uses the warehouse for food cart storage space and food preparation. The ground floor is concrete paved in most areas except the food preparation areas and kitchen on the southwest side of the building, which have tile floors. The two partial cellars occupy the western portion of the Subject Property and extend about 20 feet east of the western building boundary. The northwestern cellar is about 15 feet by 20 feet, and the southwestern cellar is about 18 feet by 20 feet. The partial cellars are separated by a stairway that provides access to the ground floor. The partial cellars are used for storage of chemicals, equipment and debris.

Pits, Ponds, Lagoons

Ponds and lagoons were not observed. About five 1.5 foot long by 1.5 foot wide pits covered by metal plates were observed throughout the north and western concrete paved portions of the ground floor. Four of the five plates could not be lifted and subsurface of these areas was not observed. Within the observable pit, one 2-inch diameter polyvinyl chloride (PVC) pipe exited the pit through the western brick wall. The terminus of this pipe was not observed. At the center

of the pit, a metal 1.5-inch diameter well was surrounded by sediment. It was unclear if the sediment was on top of concrete. Standing water was observed in the well about 2-inches below the top of the casing. Small pieces of garbage and debris were noted on top of the sediment.

Pools of Liquid

Puddles were observed on the ground floor in the kitchen area on the southwest portion of the Subject Property, and on the concrete paved portion of the ground floor directly east of the entryway. About 1-inch of standing water was observed on the floor of the northern partial cellar.

Storm Drains, Wells, and Cisterns

Grated trench drains were observed along the southeast entrance, around the food preparation area and kitchen, and in the north and eastern parts of the Subject Property. Sediment was observed at the bottom of drains. Staining was not observed within the vicinity of drains.

Polychlorinated Biphenyl Transformers and Suspect Equipment

Transformers or other suspect polychlorinated biphenyl (PCB)-containing equipment were not observed.

Storage Containers, Drums, and Chemical Storage Areas

Chemical storage areas were observed at the Subject Property. Two propane cylinders were observed in a locked cage outside of the main entrance along East 144th Street. About 1-gallon of Pine-Sol cleaner was observed on a filing cabinet within the office on the western side of the ground floor. About 75 to 100 glass, plastic, and metal containers of varying sizes (100-milliliter to 1-gallon) were observed on shelves in the southwestern partial cellar. Because of access restraints, the contents could not be determined.

Waste Generation, Storage, and Disposal

Municipal waste is collected, as necessary, by the NYC Department of Sanitation for disposal.

Sumps

Sump pits were not observed.

USTs or ASTs

Evidence of USTs was not observed. A vent pipe was observed exiting the western side of the building along Exterior Street. An AST encased in concrete and associated piping were observed within the northern partial cellar. The AST piping appeared to be a vent or fill port that extends to street level. Access constraints discussed above did not allow for closer inspection of the AST. Mr. Oppenheim noted that the AST was emptied and filled with water before he started working at the Subject Property. The concrete casing was about 4.5 feet tall, 3.5 feet wide, and

6 feet long, suggesting a tank size of approximately 250 gallons. The floor surface around the AST could not be accessed for observation.

Stained or Discolored Soil

Stained soil was not observed at the Subject Property.

Monitoring Wells or Remedial Activities

Monitoring wells were not observed.

Leachate or Seeps

Leachate or seeps were not observed.

Adjoining and Surrounding Property Uses

The Subject Property is bound to the north by a parking lot followed by a one-story warehouse, to the east by a vacant one-story warehouse, to the south by East 144th Street followed by a self-storage facility, and to the west by Exterior Street followed by a parking lot. The Major Deegan Expressway borders the Subject Property to the east and is elevated above Exterior Street. Industrial, commercial, parking, and institutional buildings characterize the surrounding area.

A fill port and vent pipe were observed exiting the southern wall of the east adjoining property along East 144th Street, approximately 40 feet from the Subject Property.

Site Reconnaissance Conclusions

The chemical storage within the southwestern partial cellar is a REC due to the unknown amount and content of chemicals stored within the containers and the unobservable floor surface for indication of potential spills.

The AST within the northwestern partial cellar is a REC because the surrounding area could not be accessed for observation of staining or evidence of impacts.

6.0 INTERVIEWS

6.1 Subject Property Owner/Occupant

The Subject Property Owner was not interviewed during the site reconnaissance. The Subject Property plant manager was interviewed during the site reconnaissance inspection. Mr. Ira Oppenheim was present for the entire site reconnaissance and provided information as previously discussed above.

6.2 Tenants/Operators of Adjacent Properties

Tenant or operators of other adjacent properties were not interviewed during the site reconnaissance.

7.0 ADDITIONAL SERVICES

7.1 Radon

Radon is a colorless, odorless radioactive gas that results from the natural breakdown of uranium minerals in soil, rock, and water, which subsequently enters the atmosphere. It can concentrate in buildings, entering through cracks and other penetrations of a building foundation. Some areas are more likely to have elevated concentrations of radon than others, reflecting subsurface lithologic conditions.

The NYSDOH maintains a database of radon test results on a local and county level. According to the database (updated in October 2018), 96 and 42 radon tests were conducted in homes in the Bronx, NY on basements and first floors, respectively. The average radon levels in basements and first floors were 1.74 pico Curies per Liter (pCi/L) and 1.14 pCi/L, respectively. A total of 92% tests for basement areas and 95% for first floor areas resulted in a radon concentration less than 4.0 pCi/L (the USEPA recommended action level). Based on this information, it is unlikely that actionable levels of radon gas are present at the Subject Property.

7.2 ACM, LBP, and PCBs

A formal survey to identify asbestos-containing material (ACM), lead based paint (LBP), and PCB-containing material was not conducted as part of the Phase I ESA. Because of the age of the Subject Property building (circa 1931) ACM and LBP may be present onsite. Transformers and other potential PCB-containing material were not identified during the site reconnaissance.

8.0 DEVIATIONS AND DATA GAPS

8.1 Deviations

Langan performed a Phase I ESA of the Subject Property utilizing a standard of good commercial and customary practice that is consistent with the ASTM E1527-13 and the 40 CFR Part 312 Standards and Practices for AAI. Significant deviations were not made to the above referenced standards.

8.2 Data Gaps

In order to address data gaps, additional sources of information may be consulted. According to AAI, Section 312.20 (g), "to the extent there are data gaps (as defined in section 312.10) in the information developed that affect the ability of persons (including the environmental professional) conducting the all appropriate inquiries to identify conditions indicative of releases or threatened releases such persons should identify such data gaps, identify the sources of information consulted to address such data gaps, and comment upon the significance of such data gaps." According to ASTM International E1527-13, Section 8.3.2.3, "historical research is complete when either: (1) the objectives in 8.3.1 through 8.3.2.2 are achieved; or (2) data failure is encountered. Data failure occurs when all standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. If data failure is encountered, the report shall document the failure and, if any of the standard historical sources were excluded, give the reasons for the exclusion."

This Phase I ESA was completed with the following data gaps:

- The area around the on-site AST and chemical storage areas in the partial cellars could not be accessed and observed for impacts to the subsurface soil
- Responses to FOIA requests have not been received

Sufficient information was ascertained from other data sources to render conclusions regarding the presence of RECs at the Subject Property. As such, receipt of the FOIA responses is not expected to impact the overall conclusions of the Phase I ESA. Should additional information provided in the FOIA responses alter the conclusions of this Phase I ESA, we will issue an addendum to this report.

9.0 FINDINGS, OPINIONS, AND CONCLUSIONS

This Phase I ESA was conducted in accordance with ASTM E1527-13 (Standard Practice for ESA: Phase I ESA Process) and the USEPA AAI Rule for the purpose of identifying for the purpose of identifying RECs, HREC, CREC, and BERs. HRECs or CRECs were not identified.

The Phase I ESA identified the following RECs:

REC 1 – Historical Use of Subject Property

Historical use of the Subject Property included a chemical laboratory and/or chemical manufacturing facility (1944-1951), paint company (1956, 1965), and unspecified manufacturing (1951-2007). An unregistered aboveground storage tank (AST) of unknown condition, and storage of unknown chemicals were observed in the cellar during the site reconnaissance. Close inspection of the AST and chemical storage areas was precluded by the concrete encasement, storage equipment and debris. Inadvertent releases of petroleum products, solvents, and/or other hazardous substances related to former site use and/or the AST may have impacted soil, groundwater and/or soil vapor at the Subject Property.

REC 2 – Current and Historical Use of Surrounding Properties

Current and historical industrial and manufacturing operations at the following adjoining and surrounding properties may have resulted in inadvertent releases of petroleum products, solvents, and/or other hazardous substances to groundwater and/or soil vapor at the Subject Property:

- Garage with a 550-gallon gasoline underground storage tank (UST) (1935 – 1951) at 440 Exterior Street (north-adjoining and cross-gradient property)
- Auto repair and/or garage with two 550-gallon gasoline USTs (1935 – 1951) at 417 Gerard Avenue (east-adjoining and up-gradient property)
- Miscellaneous manufacturing facilities (1940 – 2005) and Resource Conservation and Recovery Act (RCRA) Large Quantity Generators (LQG) (1981, 1990, 1992, 1994, and 1998) at 385 Gerard Avenue (south-adjoining and cross-gradient property)
- Auto repair and/or garage with one or two 550-gallon gasoline USTs (1927 – 1978), auto repair (1980-1993), and unspecified manufacturing facility (1989-2007) at 445 Gerard Avenue (northeast-adjoining and up-gradient property)

REC 3 – Known Contamination at Adjoining and Surrounding Properties

Documented soil, groundwater, and soil vapor impacts were observed at adjoining 445 Gerard Avenue (BCP Site No. C203111 and open Spill No. 1705596), as well as the nearby 414 Gerard Avenue (BCP Site No. C203106) and 477 Gerard Avenue (BCP Site No. C203071). Identified

contamination at the adjoining BCP site at 445 Gerard Avenue may have impacted groundwater and/or soil vapor at the Subject Property.

BER

A BER is defined by ASTM E1527-13 as a risk that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate not necessarily limited to those environmental issues required to be investigated in this practice. The following BERs were identified for the Subject Property:

- The Subject Property has an E-Designation for hazardous materials and noise (E-227 and City Environmental Quality Review [CEQR] No. 08DCP071X), and future redevelopment is subject to review and approval by the NYC Office of Environmental Remediation (OER). The E-designation requires the owner to satisfy OER protocols prior to redevelopment and new building occupancy.

Previous investigations conducted in the area identified historic fill material to depths of up to 20 feet below ground surface (bgs). Historic fill typically contains contaminant concentrations above current regulatory levels and at potentially hazardous concentrations. The presence of this material may require implementation of contaminated soil handling and management procedures during site redevelopment to address excavation, re-use, handling, and off-site disposal.

10.0 REFERENCES

The following references were reviewed as part of this Phase I ESA:

1. City Online Register, <http://www.nyc.gov/html/dof/html/jump/acris.shtml>, retrieved March 21, 2019.
2. Environmental Data Resources, Inc. March 15, 2019. Aerial Photo Decade Package.
3. Environmental Data Resources, Inc. March 15, 2019. City Directory Abstract.
4. Environmental Data Resources, Inc. March 15, 2019. Environmental Lien Search.
5. Environmental Data Resources, Inc. March 15, 2019. Historical Topographic Map Report.
6. Environmental Data Resources, Inc. March 15, 2019. Radius Map with GeoCheck.
7. Environmental Data Resources, Inc. March 15, 2019. Sanborn Map Report.
8. New York State Department of Health, Radon Tests by County Beginning 1987, <https://health.data.ny.gov/Health/Radon-Test-Results-By-County-Beginning-1987/8e6u-9695>
9. New York City Department of Buildings, Building Information System, <http://www.nyc.gov/html/dob/html/bis/bis.shtml>, retrieved March 21, 2019.
10. New York City Planning Commission, Zoning Maps 6a.
11. NYCityMap, <http://gis.nyc.gov/doitt/nycitymap/>.
12. Langan. March 2019. Remedial Investigation Report for 417 Gerard Avenue Holdings LLC, New York, NY.
13. NYC Oasis Maps: <http://www.oasisnyc.com/map.aspx>, accessed March 26, 2019.
14. Baskerville, Charles A., United States Geological Survey, Bedrock and Engineering Geologic Maps of Bronx County and Parts of New York and Queens Counties, New York, dated 1994.

11.0 STATEMENT OF QUALIFICATIONS AND SIGNATURES

Langan declares that, to the best of its professional knowledge and belief, the personnel who performed this Phase I ESA meet the definition of Environmental Professional as defined in Subsection 312.10 of 40 CFR 312 and that they have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property. They have developed and performed the AAls in conformance with the standards and practices set forth in 40 CFR Part 312. Resumes outlining the qualifications of the Environmental Professionals who performed this Phase I ESA are provided in Appendix L.

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

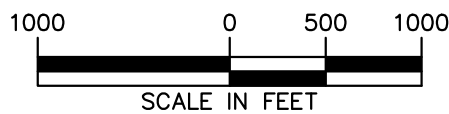
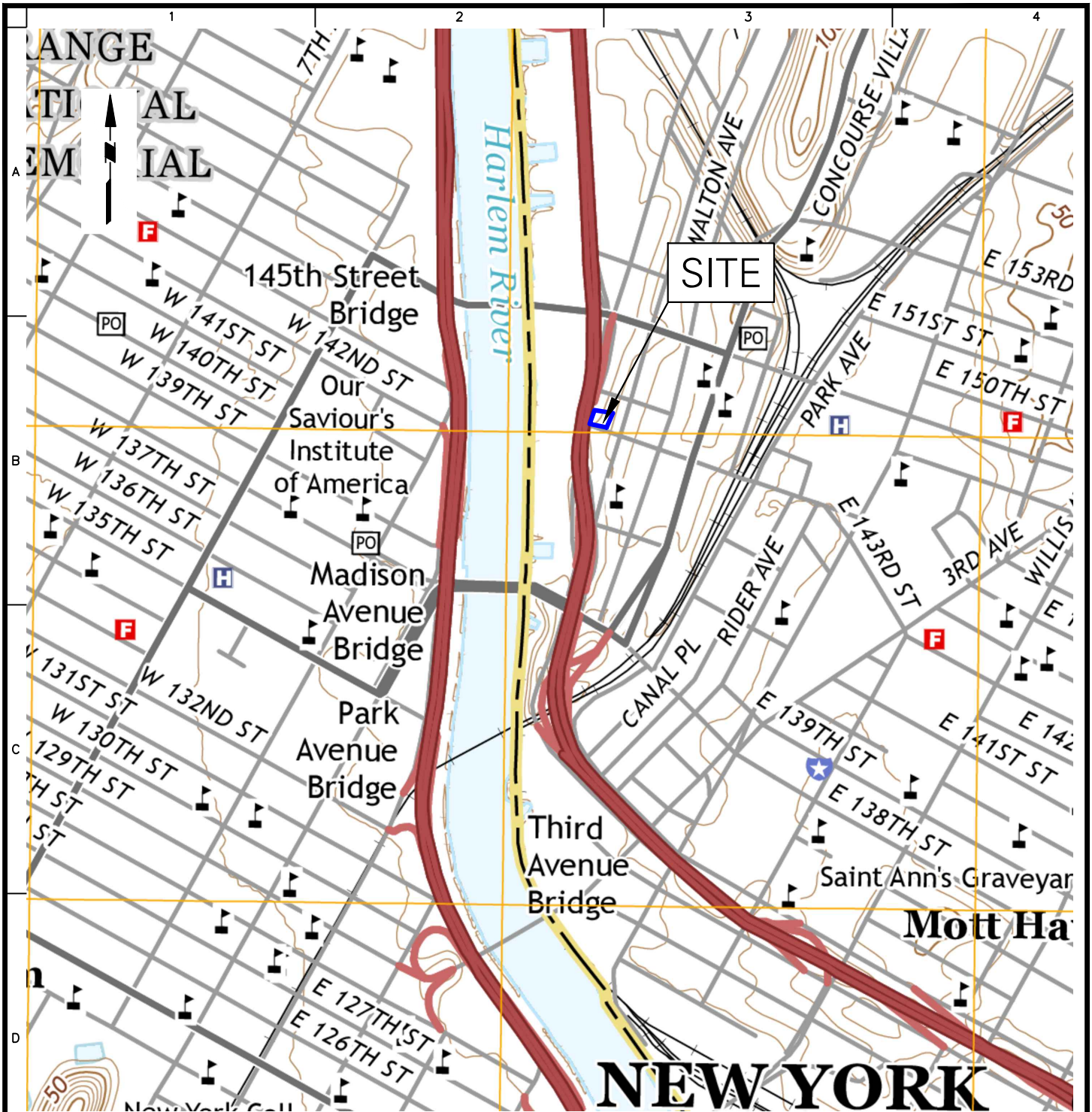


Brian Gochenaur, QEP
Senior Project Manager



Ryan Manderbach, CHMM
Senior Associate/ Vice President

FIGURES



— APPROXIMATE SITE BOUNDARY

NOTE: BASE MAP IS REFERENCED FROM THE UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5 MINUTE SERIES CENTRAL PARK QUADRANGLE MAP, DATED 2016

LANGAN Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. 21 Penn Plaza, 360 West 31st Street, 8th Floor New York, NY 10001 T: 212.479.5400 F: 212.479.5444 www.langan.com	Project	Figure Title	Project No. 170487001	Figure No.
	404 EXTERIOR STREET BLOCK No. 2351, LOT No. 1	SUBJECT PROPERTY LOCATION MAP	Date 03/25/2019	1
	BRONX	NEW YORK	Drawn By KT	
			Checked By JL	
			Sheet 1 of 2	

REC 2: CURRENT AND HISTORICAL USE OF SURROUNDING PROPERTIES
445 GERARD AVENUE
 - Auto repair and/or garage with one or two 550-gallon USTs (1927-1978)
 - Auto repair (1980-1993)
 - Unspecified manufacturing facility (1989-2007)

REC 3: KNOWN CONTAMINATION AT ADJOINING AND SURROUNDING PROPERTIES
 - BCP Site No. C203111
 - Open Spill No. 1705596

REC 2: CURRENT AND HISTORICAL USE OF SURROUNDING PROPERTIES
440 EXTERIOR STREET
 - Garage with a 550-gallon gasoline UST (1935 □ 1951)

REC 3: KNOWN CONTAMINATION AT ADJOINING AND SURROUNDING PROPERTIES
 - BCP Site No. C203111
 - Open Spill No. 1705596

REC 1: HISTORICAL USE OF SUBJECT PROPERTY
404 EXTERIOR STREET
 - Chemical laboratory and/or manufacturing (1944-1951)
 - Paint company (1956, 1965)
 - Unspecified manufacturing uses (1951-2007)

REC 3: KNOWN CONTAMINATION AT ADJOINING AND SURROUNDING PROPERTIES
477 GERARD AVENUE
 - BCP Site No. C203071





REC 3: KNOWN CONTAMINATION AT ADJOINING AND SURROUNDING PROPERTIES
414 GERARD AVENUE
 - BCP Site No. C203106

REC 2: CURRENT AND HISTORICAL USE OF SURROUNDING PROPERTIES
417 GERARD AVENUE
 - Auto repair and/or garage with two 550-gallon gasoline USTs (1935 □ 1951)

REC 3: KNOWN CONTAMINATION AT ADJOINING AND SURROUNDING PROPERTIES
 - BCP Site No. C203111
 - Open Spill No. 1705596

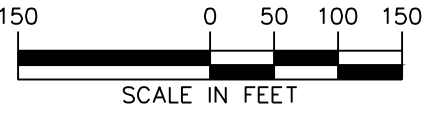
REC 2: CURRENT AND HISTORICAL USE OF SURROUNDING PROPERTIES
385 GERARD AVENUE
 - Miscellaneous manufacturing facilities (1940 □ 2005)
 - RCRA LQG (1981, 1990, 1992, 1994, and 1998)

LEGEND:

-  APPROXIMATE SUBJECT PROPERTY BOUNDARY
-  HISTORICAL SITE USES: ON-SITE USES
-  HISTORICAL OFF-SITE USES: OFF-SITE USES
-  PRESUMED GROUNDWATER FLOW DIRECTION

- GENERAL NOTES:**
- BASE MAP TAKEN FROM THE NEW YORK CITY DEPARTMENT OF FINANCE DIGITAL TAX MAP ON MARCH 21, 2019.
 - HISTORICAL SITE AND SURROUNDING PROPERTY USAGE OBTAINED FROM HISTORICAL SANBORN MAPS AVAILABLE FROM 1886 TO 2007 AND FROM AN ENVIRONMENTAL DATA RESOURCES, INC. (EDR) ENVIRONMENTAL RECORDS REPORT, DATED MARCH 15, 2019.
 - RCRA = RESOURCE CONSERVATION AND RECOVERY ACT
 - LQG = LARGE QUANTITY GENERATOR
 - AST = ABOVEGROUND STORAGE TANK
 - UST = UNDERGROUND STORAGE TANK

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.



LANGAN
 Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
 21 Penn Plaza, 360 West 31st Street, 8th Floor
 New York, NY 10001
 T: 212.479.5400 F: 212.479.5444 www.langan.com

Project
404 EXTERIOR STREET
 BLOCK No. 2351, LOT No. 1
 BRONX NEW YORK

Figure Title
RECOGNIZED ENVIRONMENTAL CONDITIONS MAP

Project No.
 170487001
 Date
 03/21/2019
 Drawn By
 KT
 Checked By
 JL

Figure No.
2
 Sheet 2 of 2

APPENDIX A

Site Reconnaissance Photographs

Site Reconnaissance Photographs
404 Exterior Street
Bronx, New York



Photo 1: Subject Property (looking northeast from Exterior Street)



Photo 2: General view inside Subject Property warehouse (looking north)