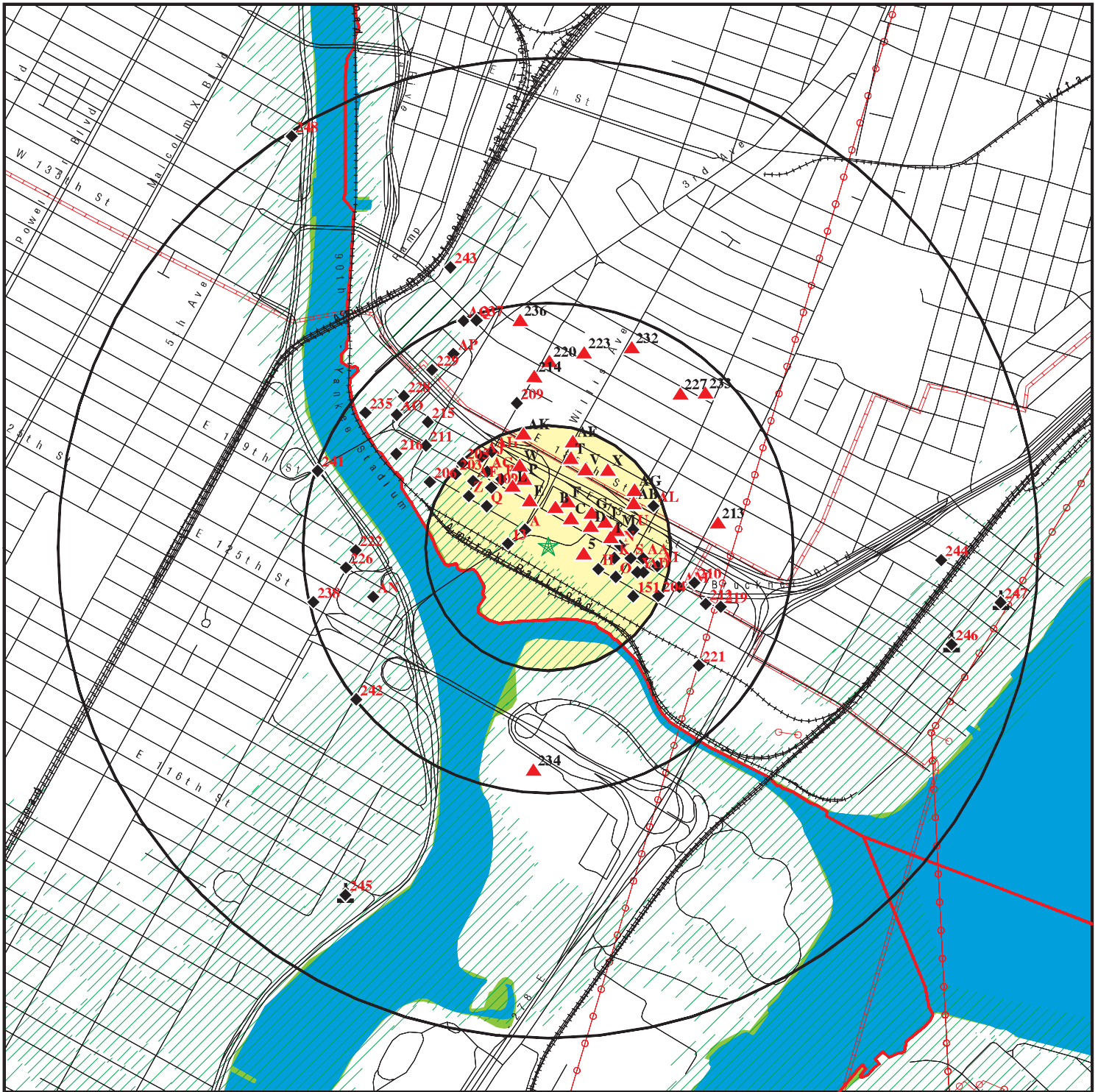


OVERVIEW MAP - 5072750.2S



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

— County Boundary

— Power transmission lines

— Pipelines

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

■ State Wetlands

■ Upgradient Area

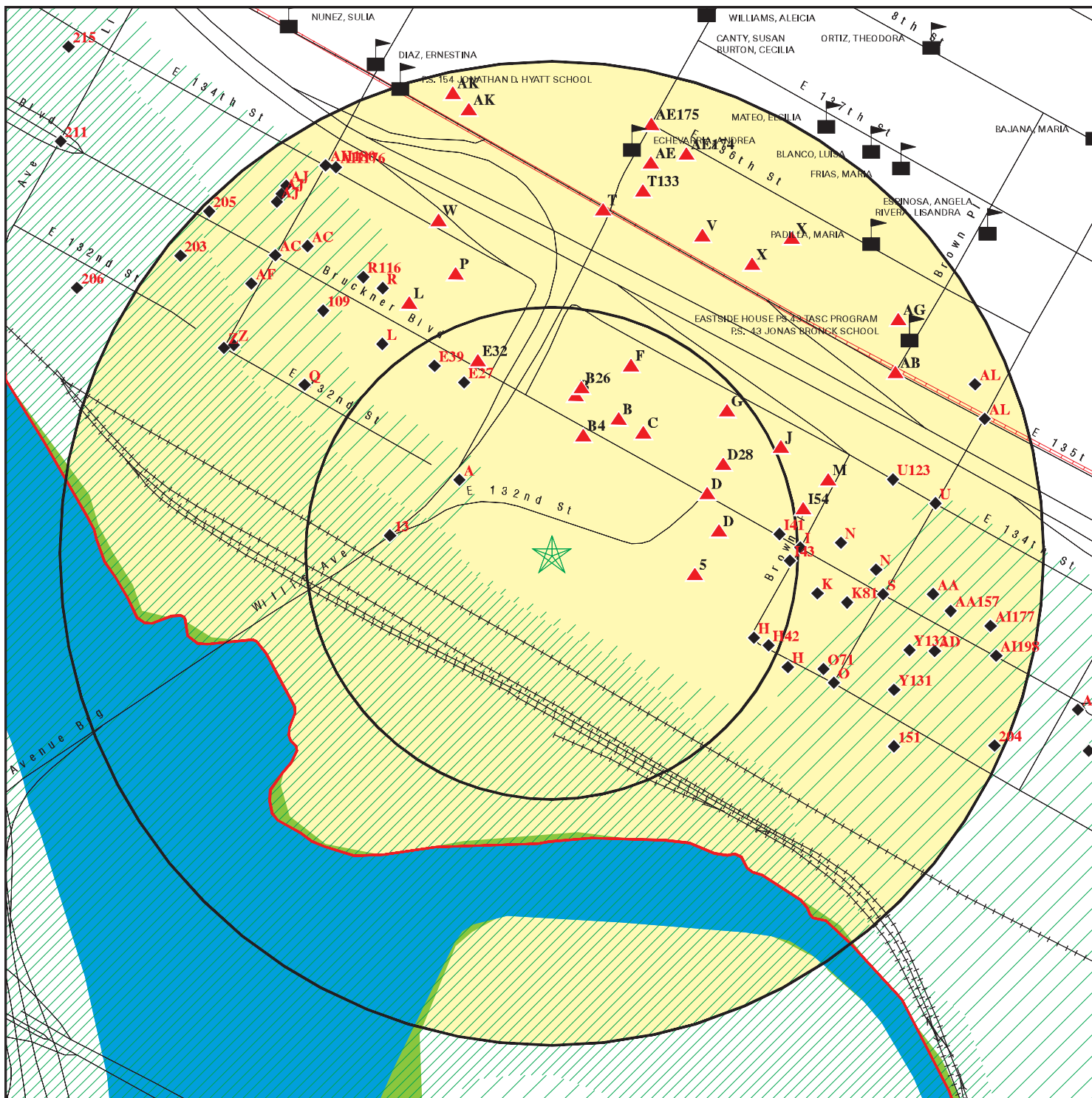


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 82 Willis Ave
 ADDRESS: 82 Willis Ave
 Bronx NY 10454
 LAT/LONG: 40.804656 / 73.924807

CLIENT: GZA GeoEnvironmental, Inc.
 CONTACT: Casey McGuffey
 INQUIRY #: 5072750.2s
 DATE: October 10, 2017 12:33 pm

DETAIL MAP - 5072750.2S



- ★ 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
- ▬ Pipelines
- ▨ 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: 82 Willis Ave
 ADDRESS: 82 Willis Ave
 Bronx NY 10454
 LAT/LONG: 40.804656 / 73.924807

CLIENT: GZA GeoEnvironmental, Inc.
 CONTACT: Casey McGuffey
 INQUIRY #: 5072750.2S
 DATE: October 10, 2017 12:36 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	4	NR	NR	NR	4
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		1	3	NR	NR	NR	4
<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	2	3	NR	5
NY VAPOR REOPENED	1.000		0	0	0	1	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
NY SWF/LF	0.500		0	0	5	NR	NR	5
<i>State and tribal leaking storage tank lists</i>								
INDIAN LUST	0.500		0	0	0	NR	NR	0
NY LTANKS	0.500		2	3	20	NR	NR	25
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		2	12	NR	NR	NR	14
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		2	16	NR	NR	NR	18
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		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
NY RES DECL	0.125		1	NR	NR	NR	NR	1
NY ENG CONTROLS	0.500		0	0	2	NR	NR	2
NY INST CONTROL	0.500		0	0	2	NR	NR	2
<i>State and tribal voluntary cleanup sites</i>								
NY VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
NY BROWNFIELDS	0.500		0	0	5	NR	NR	5
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	3	NR	NR	3
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
NY SWTIRE	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		0	0	2	NR	NR	2
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	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		0	0	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
NY HIST AST	TP		NR	NR	NR	NR	NR	0
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		11	NR	NR	NR	NR	11
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		6	59	NR	NR	NR	65
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
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	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
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		4	NR	NR	NR	NR	4
NY Financial Assurance	TP		NR	NR	NR	NR	NR	0
NY HSWDS	0.500		0	0	0	NR	NR	0
NY MANIFEST	0.250		8	72	NR	NR	NR	80
NJ MANIFEST	0.250		3	25	NR	NR	NR	28
NY SPDES	TP		NR	NR	NR	NR	NR	0
NY UIC	TP		NR	NR	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	3	NR	3
EDR Hist Auto	0.125		5	NR	NR	NR	NR	5
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
NY RGA HWS	TP		NR	NR	NR	NR	NR	0
NY RGA LF	TP		NR	NR	NR	NR	NR	0
- Totals --		0	45	194	41	7	0	287

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A1
NW
< 1/8
0.060 mi.
317 ft.

MANHOLE 6013
132ND ST/WILLIS AVE
BRONX, NY
Site 1 of 3 in cluster A

NY Spills **S104193520**
N/A

Relative:
Lower

SPILLS:

Facility ID: 9905274
 Facility Type: ER
 DER Facility ID: 151957
 Site ID: 181174
 DEC Region: 2
 Spill Date: 1999-08-02
 Spill Number/Closed Date: 9905274 / 1999-11-08
 Spill Cause: Unknown
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
14 ft.

SWIS:

Investigator: CAENGELH
 Referred To: Not reported
 Reported to Dept: 1999-08-02
 CID: 382
 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: 1999-08-02
 Spill Record Last Update: 2000-05-25
 Spiller Name: Not reported
 Spiller Company: UNKNOWN
 Spiller Address: Not reported
 Spiller City,St,Zip: NY
 Spiller Company: 999
 Contact Name: FRANK MASSERA
 Contact Phone: (212) 580-6763
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT DEC Inspector notes: 8/24/99-- emailed ERT's for infor on how spill was cleaned. 8/25/99-- ERT's faxed rev 19 of e2mis, resent email asking how spill was cleaned. con ed e2mis notes: 2 quarts unknown oil on top of 500 gallons water, conduit plate 4-B indicates no sewer connection. Cleanup pending sample results. <1.00 ppm Cleanup complete at 16:35 hrs, and tag was pulled, S.Dixon Water and oil removed via tanker truck, manhole was then double washed. "
 Remarks: "2 qt unk oil contained in manhole on 250 gals of water. clean up pending lab results con ed 126-986"

Material:

Site ID: 181174
 Operable Unit ID: 1083871
 Operable Unit: 01
 Material ID: 301577
 Material Code: 0066A
 Material Name: unknown petroleum
 Case No.: Not reported
 Material FA: Petroleum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHOLE 6013 (Continued)

S104193520

Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

A2
NW
< 1/8
0.060 mi.
317 ft.

WILLIS AVE
EAST 132ND STREET
BRONX, NY

NY Spills S104282708
N/A

Site 2 of 3 in cluster A

Relative:
Lower

SPILLS:

Facility ID: 9908128
Facility Type: ER
DER Facility ID: 109142
Site ID: 126194
DEC Region: 2
Spill Date: 1999-10-04
Spill Number/Closed Date: 9908128 / 2002-02-20
Spill Cause: Unknown
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
14 ft.

SWIS: 0301
Investigator: CAENGELH
Referred To: Not reported
Reported to Dept: 1999-10-04
CID: 196
Water Affected: Not reported
Spill Source: Unknown
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: 1999-10-04
Spill Record Last Update: 2002-02-20
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: MIKE CEASER
Contact Phone: (212) 580-6763
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT "

Remarks: "1 qt of unknown oil on 250 gallons of water in a manhole. number 24172. sample taken 46 hour turn around and clean up will begin."

Material:

Site ID: 126194
Operable Unit ID: 1082415
Operable Unit: 01

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WILLIS AVE (Continued)

S104282708

Material ID: 300810
 Material Code: 0066A
 Material Name: unknown petroleum
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 1.00
 Units: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

**A3
 NW
 < 1/8
 0.060 mi.
 317 ft.**

**MH 5955
 EAST 132ND ST/WILLIS AV
 BRONX, NY**

**NY Spills S105057178
 N/A**

Site 3 of 3 in cluster A

**Relative:
 Lower**

SPILLS:

Facility ID: 0101413
 Facility Type: ER
 DER Facility ID: 193615
 Site ID: 235072
 DEC Region: 2
 Spill Date: 2001-05-06
 Spill Number/Closed Date: 0101413 / 2001-06-19
 Spill Cause: Unknown
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

**Actual:
 14 ft.**

SWIS:

Investigator: JHOCONNE
 Referred To: Not reported
 Reported to Dept: 2001-05-06
 CID: 396
 Water Affected: Not reported
 Spill Source: Unknown
 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: 2001-05-06
 Spill Record Last Update: 2001-06-20
 Spiller Name: Not reported
 Spiller Company: UNKNOWN
 Spiller Address: Not reported
 Spiller City,St,Zip: ZZ -
 Spiller Company: 001
 Contact Name: JIMMY FOX
 Contact Phone: (212) 580-6763
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL "

Remarks: "24 hr dimininis spill that wont be cleaned up in 24...samples taken

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MH 5955 (Continued)

S105057178

clean up pending...ref #136880."

Material:

Site ID: 235072
Operable Unit ID: 838301
Operable Unit: 01
Material ID: 537116
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: 1.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

B4
NNE
< 1/8
0.062 mi.
328 ft.

LOT 27,TAXBLOCK 2546
94 BRUCKNER BOULEVARD
BRONX, NY 10454

NY RES DECL **S116687898**
N/A

Site 1 of 7 in cluster B

Relative:
Higher

ENV RES DECL:
Borough: BX
Tax Block: 2546
Tax Lot: 27

Actual:
27 ft.

Reference Number: R-165
Date Recorded: 8/28/2008
Satisfaction Date: Not reported
CEQR Number: 08BSA075X
Application Number: 78-08-BZ
Recording Reference Number: 2008000345309
Type: Hazmat
Lot Remediation Date: Not reported

5
East
< 1/8
0.073 mi.
388 ft.

LOT 94,TAXBLOCK 2277
469 EAST 132 STREET
BRONX, NY 10454

NY E DESIGNATION **S117676636**
N/A

Relative:
Higher

E DESIGNATION:
Tax Lot(s): 94
Tax Block: 2277
Borough Code: BX
E-No: E-143
Effective Date: 3/9/2005
Satisfaction Date: Not reported
Ceqr Number: 05DCP005X
Ulurp Number: 050120 ZMX

Actual:
31 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

LOT 94,TAXBLOCK 2277 (Continued)

S117676636

Zoning Map No: 6a, 6b

Description: Underground Gasoline Storage Tanks* Testing Protocol.
 Lot Remediation Date: Not reported

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

B6
NNE
 < 1/8
 0.077 mi.
 404 ft.

EXCAVATION
95 BRUCKNER BLVD
BRONX, NY
 Site 2 of 7 in cluster B

NY Spills S116554537
N/A

Relative:
Higher

SPILLS:

Facility ID: 1400544
 Facility Type: ER
 DER Facility ID: 448716
 Site ID: 493785
 DEC Region: 2
 Spill Date: 2014-04-16
 Spill Number/Closed Date: 1400544 / 2014-05-13
 Spill Cause: Unknown
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
 33 ft.

SWIS:

Investigator: TJDEMEO
 Referred To: Not reported
 Reported to Dept: 2014-04-16
 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: 2014-04-16
 Spill Record Last Update: 2014-05-13
 Spiller Name: Not reported
 Spiller Company: CON ED
 Spiller Address: Not reported
 Spiller City,St,Zip: NY
 Spiller Company: 999
 Contact Name: ERT
 Contact Phone: (212) 580-8383
 DEC Memo: "Obligado (Duty Desk)- Spoke with Michael Beto. Con edison was digging in the road to install electric manhole. At about 7 ft bgs they encountered discolored soil that smelled like diesel. They collected samples and are waiting for analytical results. He will keep me posted and email me the results upon receipt. They are still digging and drumming soil. The contamination appears to be a result of a historical petroleum spill in the area. A PBS search did not identify any PBS facility at 95 Brucker which appears to be a commerical warehouse. There is a facility at 91 Bruckner to the west with 1 1500 gal #2 fuel oil UST, pbs #2-605282. The facility is

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EXCAVATION (Continued)

S116554537

overdue for tank testing. The next scheduled tank test was due in 2011. 91 Bruckner Blvd PBS #2-605282 Jescan Realty Corp 408 East 134th Street Bronx, NY 10454 There is a closed spill number 0511553 at 91 Bruckner for a prior tank test failure in 2006. 4-18-14 - Obligado - I emailed Michael Beto to get an update on the soil results. He said the excavation of soil is complete. he'll have the results next week. 4-24-14 - Obligado - REceived follow up info from M. Beto: The lab determined the petroleum to be a light fuel oil. The soil was non-hazardous. Approximately 78 yards of soil was removed (5 roll off containers) and disposed of as non-hazardous to clean earth. A map was provided showing the excavation area in front of 95 Bruckner Boulevard Owner of 95 Bruckner is 95 BRUCKNER REALTY 95 BRUCKNER BLVD. BRONX, NEW YORK, 10454 5/13/14 JD File review. Con Edison performing excavation work in roadway and encountered petroleum impacted soils from an unknown source. As part of scheduled project Con Edison excavated approximately 78 tons of petroleum contaminated soils to facilitate their scope of work. Contaminated soils were reported to have been encountered at 7-10 ft bgs soil interval. Con Edison excavated only those soils which were within their work zone - no further delineation of contamination was performed - unknown source. All required closure documentation has been received and uploaded to DECDOCS. No further action required by Con Edison. Administrative closure."

Remarks: "found contamination during excavation/clean up pending sample results"

Material:

Site ID: 493785
 Operable Unit ID: 1243311
 Operable Unit: 01
 Material ID: 2243977
 Material Code: 0008
 Material Name: diesel
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 2.00
 Units: Gallons
 Recovered: Not reported
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

B7
NNE
 < 1/8
 0.077 mi.
 404 ft.

CON EDISON
95 BRUCKNER BOULEVARD
BRONX, NY 10457

NY MANIFEST **S117738003**
N/A

Site 3 of 7 in cluster B

Relative:
Higher

NY MANIFEST:
 Country: USA
 EPA ID: NYP004696753

Actual:
 33 ft.

Facility Status: Not reported
 Location Address 1: 95 BRUCKNER BOULEVARD
 Code: BP
 Location Address 2: Not reported
 Total Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117738003

Location City: BRONX
Location State: NY
Location Zip: 10457
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004696753
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: 11/18/2014
Trans1 Recv Date: 11/18/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/21/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004696753
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 012773055JJK
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: 4000
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)

S117738003

Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

B8
NNE
 < 1/8
 0.077 mi.
 404 ft.

V B TRUCK REPAIR CO INC
95 BRUCKNER BLVD
BRONX, NY 10454

EDR Hist Auto **1022070678**
N/A

Site 4 of 7 in cluster B

Relative:
Higher

EDR Hist Auto

Actual:
 33 ft.

Year:	Name:	Type:
1975	V B TRUCK REPAIR CO INC	Automotive Repair Shops, NEC
1976	V B TRUCK REPAIR CO INC	Automotive Repair Shops, NEC
1977	V B TRUCK REPAIR CO INC	Automotive Repair Shops, NEC
1978	V B TRUCK REPAIR CO INC	Automotive Repair Shops, NEC
1979	V B TRUCK REPAIR CO INC	Automotive Repair Shops, NEC
1980	V B TRUCK REPAIR CO INC	Automotive Repair Shops, NEC
1982	V B TRUCK REPAIR CO INC	Automotive Repair Shops, NEC

C9
NE
 < 1/8
 0.077 mi.
 407 ft.

STATEWIDE MEDICAL
97 BRUCKNER BLVD
BRONX, NY 10454

RCRA NonGen / NLR **1000403968**
FINDS **NYD986875425**
ECHO

Site 1 of 2 in cluster C

Relative:
Higher

RCRA NonGen / NLR:

Actual:
 33 ft.

Date form received by agency: 01/01/2007

Facility name: STATEWIDE MEDICAL

Facility address: 97 BRUCKNER BLVD
 BRONX, NY 10454

EPA ID: NYD986875425

Mailing address: BRUCKNER BLVD
 BRONX, NY 10454

Contact: HCONFIRST HCONTLAST

Contact address: BRUCKNER BLVD
 BRONX, NY 10454

Contact country: US

Contact telephone: 212-555-1212

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

STATEWIDE MEDICAL (Continued)

1000403968

Owner/Operator Summary:

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: 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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Site name: STATEWIDE MEDICAL
Classification: Not a generator, verified

Date form received by agency: 08/10/1988
Site name: STATEWIDE MEDICAL
Classification: Unverified

Violation Status: No violations found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STATEWIDE MEDICAL (Continued)

1000403968

Evaluation Action Summary:

Evaluation date: 08/10/1988
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not reported
 Date achieved compliance: Not reported
 Evaluation lead agency: State

FINDS:

Registry ID: 110004437985

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000403968
 Registry ID: 110004437985
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004437985>

C10
NE
 < 1/8
 0.077 mi.
 407 ft.

97TH STREET GARAGE CORP
97 BRUCKNER BLVD
BRONX, NY 10454

EDR Hist Auto 1020315836
N/A

Site 2 of 2 in cluster C

Relative:
Higher

EDR Hist Auto

Actual:
33 ft.

Year:	Name:	Type:
1989	97TH STREET GARAGE CORP	General Automotive Repair Shops
1990	97TH STREET GARAGE CORP	General Automotive Repair Shops
1991	97TH STREET GARAGE CORP	General Automotive Repair Shops
1992	97TH STREET GARAGE CORP	General Automotive Repair Shops
1993	97TH STREET GARAGE CORP	General Automotive Repair Shops

B11
North
 < 1/8
 0.081 mi.
 430 ft.

THE FIEDLER COMPANIES, INC.
91 BRUCKNER BOULEVARD
BRONX, NY 10454

NY UST U003764846
N/A

Site 5 of 7 in cluster B

Relative:
Higher

UST:

Id/Status: 2-605282 / Active
 Program Type: PBS
 Region: STATE
 DEC Region: 2
 Expiration Date: 02/23/2021
 UTM X: 590707.44135

Actual:
32 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE FIEDLER COMPANIES, INC. (Continued)

U003764846

UTM Y: 4517755.66229
Site Type: Other

Affiliation Records:

Site Id: 27151
Affiliation Type: Facility Owner
Company Name: JESCAN REALTY CORP
Contact Type: PRESIDENT
Contact Name: JEFFREY A. FIEDLER
Address1: 408 EAST 134TH STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 993-4100
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-01-12

Site Id: 27151
Affiliation Type: Mail Contact
Company Name: THE FIEDLER COMPANIES INC.
Contact Type: Not reported
Contact Name: JEFFREY A. FIEDLER
Address1: 408 EAST 134TH STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 993-4100
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2011-01-27

Site Id: 27151
Affiliation Type: Facility Operator
Company Name: THE FIEDLER COMPANIES INC
Contact Type: Not reported
Contact Name: THE FIEDLER COMPANIES
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 993-4100
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-01-12

Site Id: 27151
Affiliation Type: Emergency Contact
Company Name: CLAIRLINE REALTY CORP.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE FIEDLER COMPANIES, INC. (Continued)

U003764846

Contact Type: Not reported
Contact Name: JEFFREY A. FIEDLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (914) 472-4188
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 59673
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1500
Install Date: 10/20/1982
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: 21
Date Test: 01/24/2006
Next Test Date: 10/11/2016
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 04/14/2017

Equipment Records:

E00 - Piping Secondary Containment - None
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
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B12
North
< 1/8
0.081 mi.
430 ft.

BUSINESS
91 BRUCKNER BLVD
BRONX, NY
Site 6 of 7 in cluster B

NY LTANKS **S107523324**
N/A

Relative:
Higher

LTANKS:

Actual:
32 ft.

Site ID: 357736
Spill Number/Closed Date: 0511553 / 2006-03-06
Spill Date: 2006-01-05
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: 0301
Investigator: Con Ed Unassigned
Referred To: Not reported
Reported to Dept: 2006-01-06
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: 2006-01-06
Spill Record Last Update: 2006-03-06
Spiller Name: JEFFREY FIEDLER
Spiller Company: BUSINESS
Spiller Address: 91 BRUCKNER BLVD
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: JEFFREY FIEDLER
Spiller Phone: (718) 993-4100
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 307781
DEC Memo: "01/06/06. Feroze. TTF is send to: Jeffrey Fielder Fielder Roofing,
91 Bruckner Blvd, Bronx, NY 10454 03/06/06 Feroze talked with Ms.
Agata 718-993-4100. She told me that she has sent all documents to
DEC. In documents I found a certificate given by Absolute Tank
Testing lcc. (203-876-7430) taht there was no detectable leaks in the
tank. They submitted me the tank test result and the result is passed.
The spill is closed."

Remarks: "PBS No: 2-605282 1500 GALLON TANK :"

Material:

Site ID: 357736
Operable Unit ID: 1115003
Operable Unit: 01
Material ID: 2105065
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

BUSINESS (Continued)

S107523324

Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

13
West
< 1/8
0.083 mi.
437 ft.

MANHOLE 5956
132ND ST & WILLIS AVE
BRONX, NY

NY Spills S104194531
N/A

Relative:
Lower

SPILLS:

Facility ID: 9906464
 Facility Type: ER
 DER Facility ID: 195408
 Site ID: 237188
 DEC Region: 2
 Spill Date: 1999-08-31
 Spill Number/Closed Date: 9906464 / 1999-12-07
 Spill Cause: Unknown
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
7 ft.

SWIS: 0301
 Investigator: CAENGELH
 Referred To: Not reported
 Reported to Dept: 1999-08-31
 CID: 388
 Water Affected: Not reported
 Spill Source: Unknown
 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: 1999-08-31
 Spill Record Last Update: 2000-06-01
 Spiller Name: Not reported
 Spiller Company: UNKNOWN
 Spiller Address: Not reported
 Spiller City,St,Zip: NY
 Spiller Company: 999
 Contact Name: CALLER
 Contact Phone: (212) 580-6763
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT DEC Inspector notes: 11/30/99: emailed ERT's for info. Con ed e2mis notes: 2 gallons of unknown oil on 200 gals of water. Conduit plate 4-B indicate no sewer connection. Cleanup pending sample results. Aroclor results: <1.00ppm Completed cleanup, the tanker removed apprx 2 gallons oil and 150 gals water. pcb concentration was 1ppm. They used the tanker and fl tk to clean hole."
 "

Remarks: "caller reports 2 gallons spill to 200 gallons water. con ed#127515. cleanup pending lab sample"

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MANHOLE 5956 (Continued)

S104194531

Material:

Site ID: 237188
Operable Unit ID: 1080905
Operable Unit: 01
Material ID: 299191
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

D14
ENE
< 1/8
0.085 mi.
448 ft.

218215; 105 BRUCKNER BLVD.
105 BRUCKNER BLVD.
BRONX, NY

NY Spills **U003397003**
N/A

Site 1 of 13 in cluster D

Relative:
Higher

SPILLS:

Facility ID: 0914420
Facility Type: ER
DER Facility ID: 388657
Site ID: 433777
DEC Region: 2
Spill Date: 2009-08-27
Spill Number/Closed Date: 0914420 / 2009-08-27
Spill Cause: Equipment Failure
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.

Actual:
32 ft.

SWIS: 0301
Investigator: DMPOKRZY
Referred To: Not reported
Reported to Dept: 2009-12-31
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: Not reported
Last Inspection: Not reported
Recommended Penalty: Not reported
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2010-04-27
Spill Record Last Update: 2010-04-27
Spiller Name: ERT DESK
Spiller Company: CON EDISON
Spiller Address: 5030 BROADWAY
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

218215; 105 BRUCKNER BLVD. (Continued)

U003397003

Contact Name: ERT DESK
Contact Phone: (212) 580-8383
DEC Memo: ""
Remarks: ""

Material:

Site ID: 433777
Operable Unit ID: 1184626
Operable Unit: 01
Material ID: 2179146
Material Code: 0541A
Material Name: dielectric fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

D15
ENE
< 1/8
0.085 mi.
448 ft.

CON EDISON
105 BRUCKNER BLVD & BROWN PL
BRONX, NY 10451

RCRA NonGen / NLR **1014396935**
NYP004192514

Site 2 of 13 in cluster D

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: 105 BRUCKNER BLVD & BROWN PL
BRONX, NY 10451
EPA ID: NYP004192514
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: HERMAN BAKER
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 718-267-3853
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
32 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

1014396935

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: 08/27/2009
 Site name: CON EDISON
 Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

D16
ENE
 < 1/8
 0.085 mi.
 448 ft.

FORMER NAME, AUTOMAXX
105 BRUCKNER BOULEVARD
BRONX, NY 10454
Site 3 of 13 in cluster D

NY AST A100300793
N/A

Relative:
Higher

AST:
 Region: STATE
 DEC Region: 2
 Site Status: Unregulated/Closed
 Facility Id: 2-603127
 Program Type: PBS
 UTM X: 590833.07853
 UTM Y: 4517688.07518
 Expiration Date: N/A
 Site Type: Other

Actual:
32 ft.

Affiliation Records:

Site Id: 25079
 Affiliation Type: Mail Contact
 Company Name: 405 RIDER AVE REALTY LLC
 Contact Type: Not reported
 Contact Name: BERNARD TIVNAN
 Address1: 421 BRUCKNER BOULEVARD
 Address2: Not reported
 City: BRONX
 State: NY
 Zip Code: 10455
 Country Code: 001
 Phone: (718) 292-4882
 EMail: Not reported
 Fax Number: Not reported
 Modified By: NRLOMBAR
 Date Last Modified: 2005-03-25

Site Id: 25079
 Affiliation Type: Facility Operator
 Company Name: FORMER NAME, AUTOMAXX
 Contact Type: Not reported
 Contact Name: N/A
 Address1: Not reported
 Address2: Not reported
 City: Not reported
 State: NN
 Zip Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER NAME, AUTOMAXX (Continued)

A100300793

Country Code: 001
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2005-03-25

Site Id: 25079
Affiliation Type: Emergency Contact
Company Name: 405 RIDER AVE REALTY
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: 999
Phone: N/A
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2005-03-25

Site Id: 25079
Affiliation Type: Facility Owner
Company Name: 405 RIDER AVE REALTY
Contact Type: MEMBER, 405 RIDER AVE LLC
Contact Name: BERNARD TIVNAN
Address1: 421 BRUCKNER BLVD
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10455
Country Code: 001
Phone: (718) 292-4882
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2005-03-25

Tank Info:

Tank Number: 489422
Tank Id: 53182
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER NAME, AUTOMAXX (Continued)

A100300793

Tank Location: I01 - Overfill - Float Vent Valve
Tank Type: H00 - Tank Leak Detection - None
Tank Status: L09 - Piping Leak Detection - Exempt Suction Piping
Pipe Model: 3
Install Date: Steel/Carbon Steel/Iron
Capacity Gallons: Closed - Removed
Tightness Test Method: Not reported
Date Test: 08/01/1997
Next Test Date: 275
Date Tank Closed: NN
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 489427
Tank Id: 53183
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

C01 - Pipe Location - Aboveground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
I01 - Overfill - Float Vent Valve
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 08/01/1997
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/26/2004
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 598808
Tank Id: 53181
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

FORMER NAME, AUTOMAXX (Continued)

A100300793

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 08/01/1997
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/26/2004
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

D17
ENE
< 1/8
0.085 mi.
448 ft.

EXXON-PALMER S/STA #3-7447
1419 BRUCKNER BOULEVARD
BRONX, NY 10472
Site 4 of 13 in cluster D

RCRA-CESQG 1004570595
US AIRS NYD982797664
FINDS
ECHO
NY MANIFEST

Relative:
Higher

RCRA-CESQG:

Date form received by agency: 08/17/2017
Facility name: BP PRODUCTS NORTH AMERICA - BP 66370
Facility address: 1419 BRUCKNER BLVD
BRONX, NY 10472

Actual:
32 ft.

EPA ID: NYD982797664
Mailing address: PO BOX 80249
RANCHO SANTA MARGARITA, CA 92688
Contact: JOHN MAHONEY
Contact address: PO BOX 6038
ARTESIA, CA 90702

Contact country: US
Contact telephone: 973-392-6150
Contact email: JOHN.MAHONEY@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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON-PALMER S/STA #3-7447 (Continued)

1004570595

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: TOSCO
Owner/operator address: PO BOX 52085
PHOENIX, AZ 85072
Owner/operator country: US
Owner/operator telephone: 602-728-8000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2001
Owner/Op end date: Not reported

Owner/operator name: BP PRODUCTS NORTH AMERICA
Owner/operator address: PO BOX 6038
ARTESIA, CA 90702
Owner/operator country: US
Owner/operator telephone: 973-392-6150
Owner/operator email: JOHN.MAHONEY@BP.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/07/2017
Owner/Op end date: Not reported

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 09/10/2003
Owner/Op end date: Not reported

Owner/operator name: CUMBERLAND FARMS
Owner/operator address: 777 DEDHAM ST
CANTON, MA 02021
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/10/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON-PALMER S/STA #3-7447 (Continued)

1004570595

Owner/Op end date: Not reported

Owner/operator name: BP PRODUCTS NORTH AMERICA
Owner/operator address: PO BOX 6038
ARTESIA, CA 90702

Owner/operator country: US
Owner/operator telephone: 973-392-6150
Owner/operator email: JOHN.MAHONEY@BP.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/07/2017
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: D018
. Waste name: BENZENE

Historical Generators:

Date form received by agency: 01/01/2007
Site name: EXXON DIV OF CFI #70213
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 01/01/2006
Site name: EXXON DIV OF CFI #70213
Classification: Small Quantity Generator

Date form received by agency: 10/01/2004
Site name: EXXON DIV OF CFI #70213
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 08/10/2004
Site name: EXXON #70213

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON-PALMER S/STA #3-7447 (Continued)

1004570595

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 08/08/2001
Site name: TOSCO #34779
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 02/23/1996
Site name: EXXON CO USA #37447
Classification: Large Quantity Generator

Date form received by agency: 11/02/1989
Site name: TOSCO #34779
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

US AIRS MINOR:

Envid: 1004570595
Region Code: 02
Programmatic ID: AIR NY0000002600700027
Facility Registry ID: 110000809858
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 NY0000002600700027
Facility Registry ID: 110000809858
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: 1988-04-07 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

EXXON-PALMER S/STA #3-7447 (Continued)

1004570595

FINDS:

Registry ID: 110000809858

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.

HAZARDOUS WASTE BIENNIAL REPORTER

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

AIR MINOR

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1004570595
Registry ID: 110000809858
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000809858>

NY MANIFEST:

Country: USA
EPA ID: NYD982797664
Facility Status: Not reported
Location Address 1: 3-7447 419 BRUCKNER BLVD
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: NYD982797664

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EXXON-PALMER S/STA #3-7447 (Continued)

1004570595

Mailing Name: EXXON COMPANY USA
Mailing Contact: CHRIS TARTAGLIA
Mailing Address 1: PO BOX 4415
Mailing Address 2: Not reported
Mailing City: HOUSTON
Mailing State: TX
Mailing Zip: 77210
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 8009923647

NY MANIFEST:

Document ID: NYH0503334
Manifest Status: Not reported
seq: Not reported
Year: 2005
Trans1 State ID: NYD082785429
Trans2 State ID: Not reported
Generator Ship Date: 06/09/2005
Trans1 Recv Date: 06/09/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/09/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982797664
Trans1 EPA ID: 70600JR
Trans2 EPA ID: Not reported
TSD ID 1: NYD082785429
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: 01200
Units: P - Pounds
Number of Containers: 004
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 9 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

D18
East
< 1/8
0.086 mi.
453 ft.

CON EDISON
102 BRUCKNER BLVD FRONT OF
BRONX, NY 10454

RCRA NonGen / NLR
FINDS
ECHO

1018279216
NYP004740197

Site 5 of 13 in cluster D

Relative:
Higher

RCRA NonGen / NLR:

Actual:
29 ft.

Date form received by agency: 03/01/2015
Facility name: CON EDISON
Facility address: 102 BRUCKNER BLVD FRONT OF
BRONX, NY 10454
EPA ID: NYP004740197
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/01/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110067687952

Environmental Interest/Information System

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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

1018279216

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1018279216
 Registry ID: 110067687952
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110067687952>

D19
East
< 1/8
0.086 mi.
453 ft.

LOT 78,TAXBLOCK 2277
102 BRUCKNER BOULEVARD
BRONX, NY 10454

NY E DESIGNATION **S108076798**
N/A

Site 6 of 13 in cluster D

Relative:
Higher

E DESIGNATION:
 Tax Lot(s): 78
 Tax Block: 2277
 Borough Code: BX
 E-No: E-143
 Effective Date: 3/9/2005
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP005X
 Ulurp Number: 050120 ZMX
 Zoning Map No: 6a, 6b

Actual:
29 ft.

Description: Underground Gasoline Storage Tanks* Testing Protocol.
 Lot Remediation Date: Not reported

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

D20
East
< 1/8
0.086 mi.
453 ft.

APPLE AUTO & TRUCK CARE
102 BRUCKNER BLVD
BRONX, NY

NY Spills **S102142898**
N/A

Site 7 of 13 in cluster D

Relative:
Higher

SPILLS:
 Facility ID: 1109783
 Facility Type: ER
 DER Facility ID: 221278
 Site ID: 457565
 DEC Region: 2
 Spill Date: 2011-11-04
 Spill Number/Closed Date: 1109783 / 2011-11-04
 Spill Cause: Unknown
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
29 ft.

SWIS:
 Investigator: HRPATEL
 Referred To: Not reported
 Reported to Dept: 2011-11-04
 CID: Not reported
 Water Affected: Not reported
 Spill Source: Gasoline Station or other PBS Facility

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE (Continued)

S102142898

Spill Notifier: Citizen
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: 2011-11-04
Spill Record Last Update: 2011-11-04
Spiller Name: RICH CAIOLA
Spiller Company: APPLE AUTO & TRUCK CARE
Spiller Address: 102 BUCKNER BLVD
Spiller City,St,Zip: BRONX, NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: "Petroleum from Apple Auto/Gulf Station is leaking through the basement wall of the neighboring building (address unknown). When you stand in the street facing the Apple Auto building, the building to the left has gasoline coming through it's basement wall.
11/04/11-Hiralkumar Patel. alternate address of Apple Auto & Truck Care: none PBS #: 2-399000. as per PBS record, thirteen (13) 550 gal gasoline USTs were removed in Aug. 1991. currently, there are one 4,000 gal diesel UST, two 4,000 gal gasoline USTs, one 275 gal lube oil AST on legs and one 275 gal waste oil AST on legs. other spill #: 9202017. spill 9202017 was reported on 05/19/1992 as found contaminated soil. case closed. no notes in DEC Remarks and no documents on e-docs. 10:41 AM:- left message at Storage Post, property adjacent to Apple Auto and Truck Care. Storage Post 112 Bruckner Blvd Bronx, NY 10454 Ph. (866) 745-7678 (718) 402-8612 10:53 AM:- spoke with person who reported spill. he used to work at Apple Auto. he mentioned that the he heard third party talking about oil seeping into storage post but doesn't know the person who was complaining about spill. 10:55 AM:- spoke with Richard Caiola, manager of Apple Auto Care. he has no knowledge of spill. Rich will talk to neighbour and ask them to call. Richard Caiola Apple Auto and Truck Care Ph. (718) 585-8798 11:16 AM:- spoke with Graciera at Storage Post. she doesn't know anything about spill in basement. she will check and call back. 12:39 PM:- received call from Graciera. she checked basement and confirmed no spill in basement. based on available information, case closed."
Remarks: "Fuel seeping through the walls of the basement at location. Caller would like to remain anonymous for anyone outside of the DEC."
Material:
Site ID: 457565
Operable Unit ID: 1207693
Operable Unit: 01
Material ID: 2204987
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE (Continued)

S102142898

Tank Test:

Facility ID: 9202017
Facility Type: ER
DER Facility ID: 221278
Site ID: 271873
DEC Region: 2
Spill Date: 1992-05-16
Spill Number/Closed Date: 9202017 / 2003-03-14
Spill Cause: Housekeeping
Spill Class: Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: BATTISTA
Referred To: Not reported
Reported to Dept: 1992-05-19
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: 1992-05-22
Spill Record Last Update: 2003-03-14
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: ""
Remarks: "CONTAMINATED SOIL; STOCKPILED, TESTED, BY ALLIED ENV. WILL DISPOSE. NYCFD NOTIFIED."

Material:

Site ID: 271873
Operable Unit ID: 969351
Operable Unit: 01
Material ID: 567489
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

D21
East
< 1/8
0.086 mi.
453 ft.

CON EDISON
102 BRUCKNER BLVD FRONT OF
BRONX, NY 10454
Site 8 of 13 in cluster D

NJ MANIFEST **S120668044**
N/A

Relative:
Higher

NJ MANIFEST:
 EPA Id: NYP004740197
 Mail Address: IRVING PL, 15TH FL NE
 Mail City/State/Zip: NEW YORK, NY 10003
 Facility Phone: Not reported
 Emergency Phone: Not reported
 Contact: THOMAS TEELING
 Comments: Not reported
 SIC Code: Not reported
 County: NY005
 Municipal: Not reported
 Previous EPA Id: Not reported
 Gen Flag: Not reported
 Trans Flag: Not reported
 TSDF Flag: Not reported
 Name Change: Not reported
 Date Change: Not reported

Actual:
29 ft.

Manifest:
 Manifest Number: 014091883JJK
 EPA ID: NYP004740197
 Date Shipped: 3/1/2015
 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: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120668044

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

D22
East
< 1/8
0.086 mi.
453 ft.

APPLE AUTO & TRUCK CARE, INC.
102 BRUCKNER BOULEVARD
BRONX, NY 10454

NY UST U003127992
NY AST N/A

Site 9 of 13 in cluster D

Relative:
Higher

UST:
Id/Status: 2-399000 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 11/16/2017
UTM X: 590821.40211
UTM Y: 4517642.21706
Site Type: Retail Gasoline Sales

Actual:
29 ft.

Affiliation Records:

Site Id: 18982
Affiliation Type: Facility Owner
Company Name: RICHARD CAIOLA
Contact Type: OWNER
Contact Name: RICHARD CAIOLA
Address1: 39 OAK ROAD
Address2: Not reported
City: KATONAH
State: NY
Zip Code: 10536
Country Code: 001
Phone: (914) 232-6861
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-06-05

Site Id: 18982
Affiliation Type: Mail Contact
Company Name: APPLE AUTO & TRUCK CARE, INC.
Contact Type: Not reported
Contact Name: RICHARD CAIOLA
Address1: 102 BRUCKNER BOULEVARD
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 585-8798
EMail: APPLEAUTOCARE@AOL.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-03-29

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

Site Id: 18982
Affiliation Type: Facility Operator
Company Name: APPLE AUTO & TRUCK CARE, INC.
Contact Type: Not reported
Contact Name: RICHARD CAIOLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-8798
EMail: Not reported
Fax Number: Not reported
Modified By: AYLAGATI
Date Last Modified: 2016-11-03

Site Id: 18982
Affiliation Type: Emergency Contact
Company Name: RICHARD CAIOLA
Contact Type: Not reported
Contact Name: RICHARD CAIOLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 954-6606
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-06-05

Tank Info:

Tank Number: 001
Tank ID: 21574
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 002
Tank ID: 21575
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 003
Tank ID: 21576
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 21577
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)

Tank Number: 005
Tank ID: 21578
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 006
Tank ID: 21579
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 007
Tank ID: 21580
Tank Status: Closed - Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 008
Tank ID: 21581
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

I00 - Overfill - None

Tank Number: 009
Tank ID: 21582
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 010
Tank ID: 21583
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None

Tank Number: 011
Tank ID: 21584
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 012
Tank ID: 21585
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
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

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 013
Tank ID: 21586
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 08/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 10/01/1987
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 014
Tank ID: 41881
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 05/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

Common Name of Substance: Diesel

Tightness Test Method: 20
Date Test: 12/01/1998
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 015
Tank ID: 41882
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 05/01/1992
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: 20
Date Test: 12/01/1998
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
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
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
B04 - Tank External Protection - Fiberglass
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

Tank Number: 016
Tank ID: 41883
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 05/01/1992
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: 20
Date Test: 12/01/1998
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

AST:

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-399000
Program Type: PBS
UTM X: 590821.40211
UTM Y: 4517642.21706
Expiration Date: 11/16/2017
Site Type: Retail Gasoline Sales

Affiliation Records:

Site Id: 18982
Affiliation Type: Facility Owner
Company Name: RICHARD CAIOLA
Contact Type: OWNER
Contact Name: RICHARD CAIOLA
Address1: 39 OAK ROAD
Address2: Not reported
City: KATONAH
State: NY
Zip Code: 10536
Country Code: 001
Phone: (914) 232-6861

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-06-05

Site Id: 18982
Affiliation Type: Mail Contact
Company Name: APPLE AUTO & TRUCK CARE, INC.
Contact Type: Not reported
Contact Name: RICHARD CAIOLA
Address1: 102 BRUCKNER BOULEVARD
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 585-8798
EMail: APPLEAUTOCARE@AOL.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-03-29

Site Id: 18982
Affiliation Type: Facility Operator
Company Name: APPLE AUTO & TRUCK CARE, INC.
Contact Type: Not reported
Contact Name: RICHARD CAIOLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-8798
EMail: Not reported
Fax Number: Not reported
Modified By: AYLAGATI
Date Last Modified: 2016-11-03

Site Id: 18982
Affiliation Type: Emergency Contact
Company Name: RICHARD CAIOLA
Contact Type: Not reported
Contact Name: RICHARD CAIOLA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (914) 954-6606
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2007-06-05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

Tank Info:

Tank Number: 017
Tank Id: 218170
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
K99 - Spill Prevention - Other
E00 - Piping Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/02/1995
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: 04/14/2017
Material Name: Not reported

Tank Number: 018
Tank Id: 219755
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
D00 - Pipe Type - No Piping

Tank Location: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

APPLE AUTO & TRUCK CARE, INC. (Continued)

U003127992

Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/23/2007
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: KXTANG
Last Modified: 04/14/2017
Material Name: Not reported

D23
East
< 1/8
0.086 mi.
453 ft.

SERVICE STATION
102 BRUCKNER BLVD
BRONX, NY 10454

RCRA NonGen / NLR

1000432444
NYD000698597

Site 10 of 13 in cluster D

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007

Facility name: SERVICE STATION

Facility address: 102 BRUCKNER BLVD
BRONX, NY 10454-4515

EPA ID: NYD000698597

Mailing address: BRUCKNER BLVD
BRONX, NY 10454

Contact: Not reported

Contact address: BRUCKNER 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

Actual:
29 ft.

Owner/Operator Summary:

Owner/operator name: SUN OIL COMPANY OF PENNSYLVANIA

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

Owner/operator country: US

Owner/operator telephone: 212-555-1212

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: SUN OIL COMPANY OF PENNSYLVANIA

Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

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

SERVICE STATION (Continued)

1000432444

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Site name: SERVICE STATION
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: SERVICE STATION
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Site name: SERVICE STATION
Classification: Large Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

D24
East
< 1/8
0.086 mi.
453 ft.

CON EDISON
102 BRUCKNER BLVD FRONT OF
BRONX, NY 10454
Site 11 of 13 in cluster D

NY MANIFEST S117740829
N/A

Relative:
Higher

NY MANIFEST:
Country: USA
EPA ID: NYP004740197
Facility Status: Not reported
Location Address 1: F/O 102 BRUCKNER BLVD
Code: BP

Actual:
29 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117740829

Location Address 2: SB21945
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10461
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004740197
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: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 03/01/2015
Trans1 Recv Date: 03/01/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/09/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004740197
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 014091883JJK
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: 100

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S117740829

Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

D25
East
< 1/8
0.086 mi.
453 ft.

APPLE MUFFLER SHOPS INC
102 BRUCKNER BLVD
BRONX, NY 10454
Site 12 of 13 in cluster D

EDR Hist Auto 1021780096
N/A

Relative:
Higher

EDR Hist Auto

Actual:
29 ft.

Year:	Name:	Type:
1976	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1977	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1978	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1979	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1980	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1982	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1983	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1985	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1986	CAIOLA SAL INC	Gasoline Service Stations
1986	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1987	CAIOLA SAL INC	Gasoline Service Stations
1987	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1988	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1988	CAIOLA SAL INC	Gasoline Service Stations
1989	CAIOLA SAL INC	Gasoline Service Stations, NEC
1989	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1990	CAIOLA SAL INC	Gasoline Service Stations, NEC
1990	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1991	CAIOLA SAL INC	Gasoline Service Stations, NEC
1991	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1992	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1993	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1994	SALS SUNOCO SVCE STATION	Gasoline Service Stations
1995	SALS SUNOCO SVCE STATION	Gasoline Service Stations
1996	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1997	SALS SUNOCO SERVICE STATION	Gasoline Service Stations
1998	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
1999	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2000	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2001	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2002	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2003	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2004	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

EDR ID Number
 EPA ID Number

Site

Database(s)

APPLE MUFFLER SHOPS INC (Continued)

1021780096

2005	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2006	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2007	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2008	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2009	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2010	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2011	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2012	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2013	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services
2014	APPLE MUFFLER SHOPS INC	Automotive Maintenance Services

B26
 North
 < 1/8
 0.086 mi.
 453 ft.

FIEDLER COMPANY INC.
91 BRUCHNER BLVD
BRONX, NY 10454
 Site 7 of 7 in cluster B

NY LTANKS **S110611368**
 N/A

Relative:
 Higher

LTANKS:

Actual:
 36 ft.

Site ID: 442210
 Spill Number/Closed Date: 1008706 / Not Reported
 Spill Date: 2010-11-18
 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: VXBREVD0
 Referred To: Not reported
 Reported to Dept: 2010-11-18
 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: 2010-11-18
 Spill Record Last Update: 2013-07-16
 Spiller Name: Not reported
 Spiller Company: Tank Test Failure
 Spiller Address: Not reported
 Spiller City,St,Zip: ZZ
 Spiller County: 001
 Spiller Contact: JEFFEREY FIEDLER
 Spiller Phone: (718) 993-4100
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 397247
 DEC Memo: "TTF Letter sent to PBS Address - See eDocs 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"
 Remarks: "retest pending repair"

Material:

Site ID: 442210

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FIEDLER COMPANY INC. (Continued)

S110611368

Operable Unit ID: 1192735
 Operable Unit: 01
 Material ID: 2188070
 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:

**E27
 NNW
 < 1/8
 0.098 mi.
 515 ft.**

**FEDERAL AUTO SERVICE CORP
 86 BRUCKNER BLVD
 BRONX, NY 10454**

**EDR Hist Auto 1021441629
 N/A**

Site 1 of 3 in cluster E

**Relative:
 Lower**

EDR Hist Auto

**Actual:
 24 ft.**

Year:	Name:	Type:
1969	FEDERAL AUTO SERVICE CORP	Not reported
1970	FEDERAL AUTO SERVICE CORP	Not reported

**D28
 ENE
 < 1/8
 0.098 mi.
 519 ft.**

**ANOTHER BEAR AUTO REPAIR
 105 BRUCKNER BLVD
 BRONX, NY 10454**

**EDR Hist Auto 1022047949
 N/A**

Site 13 of 13 in cluster D

**Relative:
 Higher**

EDR Hist Auto

**Actual:
 37 ft.**

Year:	Name:	Type:
2000	ANOTHER BEAR AUTO REPAIR	General Automotive Repair Shops
2001	ANOTHER BEAR AUTO REPAIR	General Automotive Repair Shops
2002	ANOTHER BEAR AUTO REPAIR	General Automotive Repair Shops

**F29
 NNE
 < 1/8
 0.104 mi.
 548 ft.**

**CON EDISON
 416 E 134TH ST FRONT OF
 BRONX, NY 10454**

**RCRA NonGen / NLR 1019906053
 FINDS NYP004816706
 ECHO**

Site 1 of 3 in cluster F

**Relative:
 Higher**

RCRA NonGen / NLR:

Date form received by agency: 07/31/2015
 Facility name: CON EDISON
 Facility address: 416 E 134TH ST FRONT OF
 BRONX, NY 10454
 EPA ID: NYP004816706
 Mailing address: IRVING PL 15TH FL NE

**Actual:
 43 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019906053

NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 07/31/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069699446

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019906053
Registry ID: 110069699446
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069699446>

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

F30
NNE
< 1/8
0.104 mi.
548 ft.

CON EDISON
416 E 134TH ST FRONT OF
BRONX, NY 10454

NY MANIFEST **S119076927**
N/A

Site 2 of 3 in cluster F

Relative:
Higher

NY MANIFEST:

Country: USA
 EPA ID: NYP004816706
 Facility Status: Not reported
 Location Address 1: 416 E 134TH ST
 Code: BP
 Location Address 2: SB 6156
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

Actual:
43 ft.

NY MANIFEST:

EPAID: NYP004816706
 Mailing Name: CON EDISON
 Mailing Contact: DENNIS HUACON
 Mailing Address 1: 4 IRVING PL 15TH FL
 Mailing Address 2: Not reported
 Mailing City: NEW YORK
 Mailing State: NY
 Mailing Zip: 10003
 Mailing Zip 4: Not reported
 Mailing Country: USA
 Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
 Manifest Status: Not reported
 seq: Not reported
 Year: 2015
 Trans1 State ID: NJD003812047
 Trans2 State ID: Not reported
 Generator Ship Date: 07/31/2015
 Trans1 Recv Date: 07/31/2015
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 08/05/2015
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004816706
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSDF ID 1: NJD991291105
 TSDF ID 2: Not reported
 Manifest Tracking Number: 002661361GBF
 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)

S119076927

Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H110
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 500
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

F31
NNE
 < 1/8
 0.104 mi.
 548 ft.

CON EDISON
416 E 134TH ST FRONT OF
BRONX, NY 10454
 Site 3 of 3 in cluster F

NJ MANIFEST **S120674804**
N/A

Relative:
Higher

NJ MANIFEST:
 EPA Id: NYP004816706
 Mail Address: IRVING PL 15TH FL NE
 Mail City/State/Zip: NEW YORK, NY 10003
 Facility Phone: Not reported
 Emergency Phone: Not reported
 Contact: THOMAS TEELING
 Comments: Not reported
 SIC Code: Not reported
 County: NY005
 Municipal: Not reported
 Previous EPA Id: Not reported
 Gen Flag: Not reported
 Trans Flag: Not reported
 TSDF Flag: Not reported
 Name Change: Not reported
 Date Change: Not reported

Actual:
 43 ft.

Manifest:
 Manifest Number: 002661361GBF
 EPA ID: NYP004816706
 Date Shipped: 7/31/2015
 TSDF EPA ID: NJD991291105
 Transporter EPA ID: NJD003812047
 Transporter 2 EPA ID: Not reported
 Transporter 3 EPA ID: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S120674804

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
 Was Load Rejected: NEW YORK, NY 10003
 Reason Load Was Rejected: Not reported

**E32
 NNW
 < 1/8
 0.105 mi.
 555 ft.**

**POLE #69533
 83-09 133 AVENUE
 QUEENS, NY**

**NY Spills S108129762
 N/A**

Site 2 of 3 in cluster E

**Relative:
 Higher**

SPILLS:

Facility ID: 0605312
 Facility Type: ER
 DER Facility ID: 318377
 Site ID: 368448
 DEC Region: 2
 Spill Date: 2006-08-07
 Spill Number/Closed Date: 0605312 / 2006-11-15
 Spill Cause: Equipment Failure
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
 Willing Responsible Party. Corrective action taken.

 SWIS: 4101
 Investigator: GDBREEN
 Referred To: Not reported
 Reported to Dept: 2006-08-07
 CID: 444

**Actual:
 27 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

POLE #69533 (Continued)

S108129762

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: 2006-08-07
Spill Record Last Update: 2006-11-15
Spiller Name: ERTS
Spiller Company: CON EDISON POLE #69533
Spiller Address: 83-09 133RD AVE
Spiller City,St,Zip: QUEENS, NY
Spiller Company: 999
Contact Name: ERTS
Contact Phone: (212) 580-8383
DEC Memo: "11/15/06 - See e-docs for Con Ed report detailing cleanup and closure. 201779. see eDocs"
Remarks: "CREW WORKING ON A DPADAS ARE DOWN. 201779"

Material:

Site ID: 368448
Operable Unit ID: 1126324
Operable Unit: 01
Material ID: 2115856
Material Code: 0541A
Material Name: dielectric fluid
Case No.: Not reported
Material FA: Petroleum
Quantity: 5.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

G33
NE
< 1/8
0.111 mi.
586 ft.

CON EDISON SERVICE BOX: 6154
446 E 134TH ST FRONT OF
BRONX, NY 10454
Site 1 of 3 in cluster G

RCRA NonGen / NLR 1017777002
NYP004548830

Relative:
Higher

RCRA NonGen / NLR:

Actual:
42 ft.

Date form received by agency: 06/30/2014
Facility name: CON EDISON SERVICE BOX: 6154
Facility address: 446 E 134TH ST FRONT OF
BRONX, NY 10454
EPA ID: NYP004548830
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON SERVICE BOX: 6154 (Continued)

1017777002

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: 05/30/2014
 Site name: CON EDISON
 Classification: Large Quantity Generator

Date form received by agency: 05/30/2014
 Site name: CON EDISON
 Classification: Not a generator, verified

Violation Status: No violations found

G34
NE
< 1/8
0.111 mi.
586 ft.

CON EDISON
446 E 134TH ST FRONT OF
BRONX, NY 10454
Site 2 of 3 in cluster G

NY MANIFEST S117062528
N/A

Relative:
Higher

NY MANIFEST:
 Country: USA
 EPA ID: NYP004548830
 Facility Status: Not reported
 Location Address 1: FO 446 E 134 ST
 Code: BP
 Location Address 2: SB 154
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

Actual:
42 ft.

NY MANIFEST:
 EPAID: NYP004548830
 Mailing Name: CON EDISON
 Mailing Contact: TOM TEELING
 Mailing Address 1: 4 IRVING PLACE 15TH FLOOR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062528

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: 05/30/2014
Trans1 Recv Date: 05/30/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004548830
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002422962GBF
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S117062528

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

H35
ESE
< 1/8
0.111 mi.
588 ft.

CON EDISON
E 132ND ST & BROWN PL
BRONX, NY 10475
Site 1 of 8 in cluster H

NY MANIFEST **S119077701**
N/A

Relative:
Lower

NY MANIFEST:
 Country: USA
 EPA ID: NYP004836910
 Facility Status: Not reported
 Location Address 1: BRAUN PL
 Code: BP
 Location Address 2: Not reported
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10475
 Location Zip 4: Not reported

Actual:
22 ft.

NY MANIFEST:
 EPAID: NYP004836910
 Mailing Name: CON EDISON
 Mailing Contact: DENNIS HUACON
 Mailing Address 1: 4 IRVING PL 15TH FL
 Mailing Address 2: Not reported
 Mailing City: NEW YORK
 Mailing State: NY
 Mailing Zip: 10003
 Mailing Zip 4: Not reported
 Mailing Country: USA
 Mailing Phone: 2124603770

NY MANIFEST:
 Document ID: Not reported
 Manifest Status: Not reported
 seq: Not reported
 Year: 2015
 Trans1 State ID: NJ0000027193
 Trans2 State ID: Not reported
 Generator Ship Date: 09/10/2015
 Trans1 Recv Date: 09/10/2015
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 09/10/2015
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004836910
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSDF ID 1: NJD002200046
 TSDF ID 2: Not reported
 Manifest Tracking Number: 014472860JJK
 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 (Continued)

S119077701

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: 6002
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 1 additional NY_MANIFEST: record(s) in the EDR Site Report.

H36
ESE
 < 1/8
 0.111 mi.
 588 ft.

CON ED
BROWN PL & E 132ND
BRONX, NY 10454

NY MANIFEST **S118463956**
N/A

Site 2 of 8 in cluster H

Relative:
Lower

NY MANIFEST:
 Country: USA
 EPA ID: NYP004859538
 Facility Status: Not reported
 Location Address 1: BROWN PL & E 132ND
 Code: BP
 Location Address 2: SB 1247
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

Actual:
 22 ft.

NY MANIFEST:
 EPAID: NYP004859538
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON ED (Continued)

S118463956

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: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 10/24/2015
Trans1 Recv Date: 10/24/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/27/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004859538
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 013245162JJK
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: 30
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
1 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H37
ESE
< 1/8
0.111 mi.
588 ft.

CON EDISON
E 132ND ST & BROWN PL
BRONX, NY 10475

NJ MANIFEST S120676557
N/A

Site 3 of 8 in cluster H

Relative:
Lower

NJ MANIFEST:
EPA Id: NYP004836910
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDf Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Actual:
22 ft.

Manifest:
Manifest Number: 014472860JJK
EPA ID: NYP004836910
Date Shipped: 9/10/2015
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120676557

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

H38
ESE
< 1/8
0.111 mi.
588 ft.

SPILL NUMBER 0108461
EAST 132ND ST & BROWN PL
BRONX, NY

NY Spills S105234929
N/A

Site 4 of 8 in cluster H

Relative:
Lower

SPILLS:

Facility ID: 0108461
Facility Type: ER
DER Facility ID: 177833
Site ID: 214638
DEC Region: 2
Spill Date: 2001-11-21
Spill Number/Closed Date: 0108461 / 2003-01-31
Spill Cause: Traffic Accident
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
22 ft.

SWIS:

Investigator: AERODRIG
Referred To: Not reported
Reported to Dept: 2001-11-21
CID: 266
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: 2001-11-21
Spill Record Last Update: 2003-01-31
Spiller Name: Not reported
Spiller Company: CON EDISON
Spiller Address: 4 IRVING PLACE
Spiller City,St,Zip: NEW YORK, NY 10003
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 RODRIGUEZ E2MIS 140349 21-Nov.2001 @04:15 hrs. #9 Supervisor A. Tortora # 39689 reports that while seperating the Flush truck # 60588 from another vehicle which were involved in an accident, the door of the tank on the flush leaked ~50 gallons of liquid lead waste onto the street. No smoke or fire involved, no sewers, waterways or private property involved. Area of spill contained and another flush truck is being dispatched to drain the affected truck and clean the area. 21-Nov. 2001 @ 04:37 CIG. J. Fox # 07887 notified 21-Nov.-2001 @ 04:30hrs. Spoke to ERT D. Shah regarding cleanup 21-Nov.2001 @

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0108461 (Continued)

S105234929

05:00 hrs OS. A. Tortora reports Area barcaded off and 60508 leak contained with removal of liquid. Second flush truck full and has to be emptied, but t on location until replacement arrives. Took damaged truck to flush pit to wash out and dispatched a second truck to the location to complete the cleanup. 21-Nov-2001 05:05 Flush Truck 60508 in Flush Pit, OS. Tortora reports flush gate barcaded and was instructed to remove same to gain access. 1-Nov-2001 06:45 Flush Mechanic J. Maloney reports that clean up is complete at this time. A 20' X 2' area was double washed. Speedy dry was applied, and removed by Environmental Detailed Incident Report replacement flush truck. Clean up is complete at this time. 21-Nov-2001 09:20 O.S. L. fischer #55784 reports that he is at Hell Gate Flush Pit inspecting damaged flush truck. Correction to earlier report flush truck number is 60588. Truck #60588 will be off loaded as soon as damaged door can be opened. This clean up is complete, and damaged truck will not leave pit until it is emptied, and washed down. This clean up is complete. 07-DEC-2001 08:55 Supervisor L. Fischer reports that he investigated material in vactor truck # 60588, records show no Hazardous lead waste was in the tanker when incident occurred. Records indicate only Bronx service boxes were flushed with this vehicle. "

Remarks:

"LIQUID LEAD WASTE. ACCIDENT CAUSED LEAK FROM TANK DOOR OF LIQUID FLUSH TRUCK. SPILLED ONTO PAVED ROADWAY. NO SEWERS OR STORM DRAINS. ANOTHER TRUCK DISPATCHED TO OFF-LOAD THE AFFECTED TRUCK AND TO CLEAN THE AREA. CON EDISON REFERENCE NUMBER 140394."

Material:

Site ID: 214638
Operable Unit ID: 846504
Operable Unit: 01
Material ID: 529705
Material Code: 0030A
Material Name: lead
Case No.: 07439921
Material FA: Hazardous Material
Quantity: 50.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

**E39
NNW
< 1/8
0.112 mi.
593 ft.**

**CONSTRUCTION SITE
80 BRUCKNER BLVD
BRONX, NY
Site 3 of 3 in cluster E**

**NY Spills S109581509
N/A**

**Relative:
Lower**

SPILLS:
Facility ID: 0900044
Facility Type: ER
DER Facility ID: 361152
Site ID: 411956
DEC Region: 2
Spill Date: 2009-04-02
Spill Number/Closed Date: 0900044 / 2009-04-06

**Actual:
24 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSTRUCTION SITE (Continued)

S109581509

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: vszhune
Referred To: Not reported
Reported to Dept: 2009-04-02
CID: Not reported
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: 2009-04-02
Spill Record Last Update: 2009-04-06
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: ANONYMOUS
Contact Phone: Not reported
DEC Memo: "Veronica Zhune will visit the site to inspect. NYSDEC ECO visited
site-No spill found. Spill Closed "
Remarks: "3RD PARTY CALL THERE IS A CRANE ON THE SITE THAT IS LEAKING OIL."
Material:
Site ID: 411956
Operable Unit ID: 1168448
Operable Unit: 01
Material ID: 2160053
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

G40
NE
< 1/8
0.115 mi.
607 ft.

BUILDING
448 EAST 134TH STREET
BRONX, NY

NY Spills **S108057814**
N/A

Site 3 of 3 in cluster G

Relative:
Higher

SPILLS:

Facility ID: 0603349
 Facility Type: ER
 DER Facility ID: 316133
 Site ID: 366048
 DEC Region: 2
 Spill Date: 2006-06-27
 Spill Number/Closed Date: 0603349 / 2006-06-29
 Spill Cause: Other
 Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

Actual:
41 ft.

SWIS: 0301
 Investigator: rmpiper
 Referred To: Not reported
 Reported to Dept: 2006-06-27
 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: 2006-06-27
 Spill Record Last Update: 2006-07-03
 Spiller Name: CHETAN KHAMAR
 Spiller Company: BUILDING
 Spiller Address: 446 EAST 134TH STREET
 Spiller City,St,Zip: BRONX, NY
 Spiller Company: 001
 Contact Name: CHETAN KHAMAR
 Contact Phone: (718) 595-4655
 DEC Memo: "Sangesland spoke to Chetan Khamar (DEP Operator). He said the caller would not identify himself. Oil appears on the ground next to the building. Unknown source. Mr. Khamar said the spill is small. No additional details. 6/29/06- DEC Piper responded to site. There was a slight sheen on a puddle in street. No oil of sheening present between sidewalk and address. CLOsed."

Remarks: "caller states that there is some sort of oil spill outside the above address: no further info available"

Material:

Site ID: 366048
 Operable Unit ID: 1124012
 Operable Unit: 01
 Material ID: 2113489
 Material Code: 0066A
 Material Name: unknown petroleum
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: .00
 Units: Gallons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BUILDING (Continued)

S108057814

Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

I41
East
< 1/8
0.116 mi.
613 ft.

CON EDISON
111 BROCKNER BLVD
BRONX, NY 10461
Site 1 of 11 in cluster I

NY MANIFEST **S117067300**
N/A

Relative:
Lower

NY MANIFEST:
Country: USA
EPA ID: NYP004600623
Facility Status: Not reported
Location Address 1: 111 BROCKNER BLVD
Code: BP
Location Address 2: SB2731
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10461
Location Zip 4: Not reported

Actual:
25 ft.

NY MANIFEST:
EPAID: NYP004600623
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 07/18/2014
Trans1 Recv Date: 07/18/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/22/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004600623
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S117067300

Manifest Tracking Number: 002422858GBF
 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: 100
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

H42
ESE
< 1/8
0.120 mi.
632 ft.

LOT 2,TAXBLOCK 2277
BROWN PLACE
BRONX, NY 10454
Site 5 of 8 in cluster H

NY E DESIGNATION S108076765
N/A

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 2
 Tax Block: 2277
 Borough Code: BX
 E-No: E-143
 Effective Date: 3/9/2005
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP005X
 Ulurp Number: 050120 ZMX
 Zoning Map No: 6a, 6b

Actual:
20 ft.

Description: Underground Gasoline Storage Tanks* 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

I43
East
< 1/8
0.121 mi.
639 ft.

LOT 1, TAXBLOCK 2277
82 BROWN PLACE
BRONX, NY
Site 2 of 11 in cluster I

NY E DESIGNATION **S108076741**
N/A

Relative:
Lower

E DESIGNATION:
 Tax Lot(s): 1
 Tax Block: 2277
 Borough Code: Not reported
 E-No: E-143
 Effective Date: 3/9/2005
 Satisfaction Date: Not reported
 Ceqr Number: 05DCP005X
 Ulurp Number: 050120 ZMX
 Zoning Map No: 6a, 6b

Actual:
22 ft.

Description: Underground Gasoline Storage Tanks* Testing Protocol.
 Lot Remediation Date: Not reported

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

I44
East
1/8-1/4
0.126 mi.
667 ft.

WEDETECH CORP
112 BRUCKNER BLVD
BRONX, NY 10451
Site 3 of 11 in cluster I

RCRA NonGen / NLR **1000398023**
FINDS **NYD982273740**
ECHO
NY MANIFEST

Relative:
Lower

RCRA NonGen / NLR:
 Date form received by agency: 01/01/2007
 Facility name: WEDETECH CORP
 Facility address: 112 BRUCKNER BLVD
 BRONX, NY 10451
 EPA ID: NYD982273740
 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

Actual:
22 ft.

Owner/Operator Summary:
 Owner/operator name: WEDETECH CORP
 Owner/operator address: NOT REQUIRED
 NOT REQUIRED, WY 99999
 Owner/operator country: US
 Owner/operator telephone: 212-555-1212
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Private
 Owner/Operator Type: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEDTECH CORP (Continued)

1000398023

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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Site name: WEDTECH CORP
Classification: Not a generator, verified

Date form received by agency: 08/20/1996
Site name: WEDTECH CORP
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Date form received by agency: 10/01/1987
Site name: WEDTECH CORP
Classification: Large Quantity Generator

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WEDTECH CORP (Continued)

1000398023

Evaluation lead agency: EPA

FINDS:

Registry ID: 110001565137

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000398023
Registry ID: 110001565137
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001565137>

NY MANIFEST:

Country: USA
EPA ID: NYD982273740
Facility Status: Not reported
Location Address 1: 112 BRUCKER BLVD
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: NYD982273740
Mailing Name: WED TECH CORPORATION
Mailing Contact: WED TECH CORPORATION
Mailing Address 1: 112 BRUCKER BLVD
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10451
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2129938840

NY MANIFEST:

Document ID: NJA0387382
Manifest Status: C
seq: Not reported
Year: 1988
Trans1 State ID: NJDEPS706
Trans2 State ID: Not reported
Generator Ship Date: 02/22/1988

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

WEDTECH CORP (Continued)

1000398023

Trans1 Recv Date: 02/22/1988
 Trans2 Recv Date: / /
 TSD Site Recv Date: 02/22/1988
 Part A Recv Date: 02/26/1988
 Part B Recv Date: 03/01/1988
 Generator EPA ID: NYD982273740
 Trans1 EPA ID: NJD000692343
 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: 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: 00300
 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

[Click this hyperlink](#) while viewing on your computer to access
 3 additional NY_MANIFEST: record(s) in the EDR Site Report.

I45
East
1/8-1/4
0.126 mi.
667 ft.

112 BRUCKNER ASSOCIATES,LP
112 BRUCKNER BLVD
BRONX, NY 10454
Site 4 of 11 in cluster I

NY UST U003074648
NY AST N/A

Relative:
Lower

UST:
 Id/Status: 2-017477 / Unregulated/Closed
 Program Type: PBS
 Region: STATE
 DEC Region: 2
 Expiration Date: N/A
 UTM X: 590860.29257
 UTM Y: 4517634.94610
 Site Type: Unknown

Actual:
22 ft.

Affiliation Records:
 Site Id: 137
 Affiliation Type: Facility Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

112 BRUCKNER ASSOCIATES,LP (Continued)

U003074648

Company Name: 112 BRUCKNER ASSOCIATES,LP
Contact Type: Not reported
Contact Name: Not reported
Address1: 733 THIRD AVE #905
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10015
Country Code: 001
Phone: (212) 370-1333
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 137
Affiliation Type: Mail Contact
Company Name: 112 BRUCKNER ASSOCIATES
Contact Type: Not reported
Contact Name: JAY B. PARETZKY
Address1: % VESTPRO MANAGEMENT CORPORATION
Address2: 216 EAST 45TH STREET
City: NEW YORK
State: NY
Zip Code: 10017
Country Code: 001
Phone: (212) 370-1333
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 137
Affiliation Type: Facility Operator
Company Name: 112 BRUCKNER ASSOCIATES,LP
Contact Type: Not reported
Contact Name: JYRIS PARTZM
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 402-8612
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 137
Affiliation Type: Emergency Contact
Company Name: 112 BRUCKNER ASSOCIATES,LP
Contact Type: Not reported
Contact Name: JYRIS PARTZM
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

112 BRUCKNER ASSOCIATES,LP (Continued)

U003074648

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 402-8612
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 27029
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 05/01/1984
Date Tank Closed: 11/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

AST:

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-600400
Program Type: PBS
UTM X: 590860.29257
UTM Y: 4517634.94610
Expiration Date: N/A
Site Type: Other

Affiliation Records:

Site Id: 22383
Affiliation Type: Facility Owner
Company Name: 112 BRUCKNER ASSOC. L.P.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

112 BRUCKNER ASSOCIATES,LP (Continued)

U003074648

Contact Type: Not reported
Contact Name: Not reported
Address1: 112 BRUCKNER BLVD
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (212) 402-4060
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 22383
Affiliation Type: Mail Contact
Company Name: VESTPRO CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 112 BRUCKNER ASSOC
Address2: 733 3RD AVE -RM 905
City: NEW YORK
State: NY
Zip Code: 10017
Country Code: 001
Phone: (212) 370-1333
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 22383
Affiliation Type: Facility Operator
Company Name: D/B/A -SPECTRUM MINI STORAGE
Contact Type: Not reported
Contact Name: SPECTRUM MINI STORAGE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 402-4060
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 22383
Affiliation Type: Emergency Contact
Company Name: 112 BRUCKNER ASSOC. L.P.
Contact Type: Not reported
Contact Name: MR. J PERETZY
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

112 BRUCKNER ASSOCIATES,LP (Continued)

U003074648

Zip Code: Not reported
Country Code: 001
Phone: (212) 402-4060
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 42509
Material Code: 0009
Common Name of Substance: Gasoline

Equipment Records:

C01 - Pipe Location - Aboveground
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
B00 - Tank External Protection - None

Tank Location: 6
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: 10/01/1991
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 002
Tank Id: 27030
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

112 BRUCKNER ASSOCIATES,LP (Continued)

U003074648

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 11/01/1932
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/01/1995
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: Not reported

Affiliation Records:

Site Id: 137
Affiliation Type: Facility Owner
Company Name: 112 BRUCKNER ASSOCIATES,LP
Contact Type: Not reported
Contact Name: Not reported
Address1: 733 THIRD AVE #905
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10015
Country Code: 001
Phone: (212) 370-1333
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 137
Affiliation Type: Mail Contact
Company Name: 112 BRUCKNER ASSOCIATES
Contact Type: Not reported
Contact Name: JAY B. PARETZKY
Address1: % VESTPRO MANAGEMENT CORPORATION
Address2: 216 EAST 45TH STREET
City: NEW YORK
State: NY
Zip Code: 10017
Country Code: 001
Phone: (212) 370-1333
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 137
Affiliation Type: Facility Operator
Company Name: 112 BRUCKNER ASSOCIATES,LP
Contact Type: Not reported
Contact Name: JYRIS PARTZM
Address1: Not reported
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

112 BRUCKNER ASSOCIATES,LP (Continued)

U003074648

City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 402-8612
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 137
Affiliation Type: Emergency Contact
Company Name: 112 BRUCKNER ASSOCIATES,LP
Contact Type: Not reported
Contact Name: JYRIS PARTZM
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 402-8612
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 42509
Material Code: 0009
Common Name of Substance: Gasoline

Equipment Records:

C01 - Pipe Location - Aboveground
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
B00 - Tank External Protection - None

Tank Location: 6
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: 10/01/1991
Register: True
Modified By: TRANSLAT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

112 BRUCKNER ASSOCIATES,LP (Continued)

U003074648

Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 002
Tank Id: 27030
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

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

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 11/01/1932
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 06/01/1995
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: Not reported

I46
East
1/8-1/4
0.127 mi.
668 ft.

CON EDISON
BRUCKNER BLVD & BROWN PL
BRONX, NY 10451

NY MANIFEST **S116043963**
N/A

Site 5 of 11 in cluster I

Relative:
Lower

NY MANIFEST:
Country: USA
EPA ID: NYP004403523
Facility Status: Not reported
Location Address 1: BRUCKNER BLVD & BROWN PL
Code: BP
Location Address 2: MH78108
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

Actual:
22 ft.

NY MANIFEST:
EPAID: NYP004403523
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S116043963

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: 2013
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 12/10/2013
Trans1 Recv Date: 12/10/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/12/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004403523
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 011695170JJK
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: 10
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)

S116043963

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

I47
East
1/8-1/4
0.127 mi.
668 ft.

CON EDISON MANHOLE: 21983
BROWN PL & BRUCKNER BLVD
BRONX, NY 10451

RCRA NonGen / NLR
NY MANIFEST
1016973918
NYP004477261

Site 6 of 11 in cluster I

Relative:
Lower

RCRA NonGen / NLR:

Actual:
22 ft.

Date form received by agency: 04/24/2014
Facility name: CON EDISON MANHOLE: 21983
Facility address: BROWN PL & BRUCKNER BLVD
BRONX, NY 10451
EPA ID: NYP004477261
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/24/2014
Site name: CON EDISON MANHOLE: 21983
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004477261
Facility Status: Not reported
Location Address 1: BROWN PLACE BRUCKNER BLVD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 21983 (Continued)

1016973918

Code: BP
Location Address 2: MH 21983
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10461
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004477261
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: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: MAD039322250
Trans2 State ID: Not reported
Generator Ship Date: 03/24/2014
Trans1 Recv Date: 03/24/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/25/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004477261
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 006539812FLE
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: 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 MANHOLE: 21983 (Continued)

1016973918

Quantity: 1060
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**148
 East
 1/8-1/4
 0.127 mi.
 668 ft.**

**CON EDISON MANHOLE: 21981
 BRUCKNER BLVD & BROWN PL
 BRONX, NY 10457**

RCRA NonGen / NLR

**1017775371
 NYP004532032**

Site 7 of 11 in cluster I

**Relative:
 Lower**

RCRA NonGen / NLR:

Date form received by agency: 06/14/2014

Facility name: CON EDISON MANHOLE: 21981

Facility address: BRUCKNER BLVD & BROWN PL
 BRONX, NY 10457

EPA ID: NYP004532032

Mailing address: IRVING PL, 15TH FL NE
 NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: 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:
 22 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 21981 (Continued)

1017775371

Historical Generators:

Date form received by agency: 05/14/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 05/14/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

**I49
East
1/8-1/4
0.127 mi.
668 ft.**

**CON EDISON MANHOLE 1250
BROWN PL & BRUCKNER BLVD
BRONX, NY 10451**

RCRA NonGen / NLR

**1010326228
NYP004140091**

Site 8 of 11 in cluster I

**Relative:
Lower**

RCRA NonGen / NLR:

Date form received by agency: 07/07/2006
Facility name: CON EDISON MANHOLE 1250
Facility address: BROWN PL & BRUCKNER BLVD
S W CORNER OF
BRONX, NY 10451

EPA ID: NYP004140091
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:
22 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: 07/06/2006
Site name: CON EDISON
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 1250 (Continued)

1010326228

Date form received by agency: 07/05/2006
Site name: CON EDISON
Classification: Unverified

Violation Status: No violations found

150
East
1/8-1/4
0.127 mi.
668 ft.

**CONSOLIDATED EDISON
BROWN PL & BRUCKNER BLVD
BRONX, NY 10451**

**NY MANIFEST S119072769
N/A**

Site 9 of 11 in cluster I

**Relative:
Lower**

NY MANIFEST:
Country: USA
EPA ID: NYP004140091
Facility Status: Not reported
Location Address 1: BROWN PLACE
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:
22 ft.**

NY MANIFEST:
EPAID: NYP004140091
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: NJA5240931
Manifest Status: Not reported
seq: 01
Year: 2006
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 02/18/2006
Trans1 Recv Date: 02/18/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/27/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004140091
Trans1 EPA ID: S5811
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
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

CONSOLIDATED EDISON (Continued)

S119072769

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: 00340
 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: 01.00

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

I51
East
1/8-1/4
0.127 mi.
668 ft.

CON EDISON
BRUCKNER BLVD & BROWN PL
BRONX, NY 10457

NY MANIFEST **S117060944**
N/A

Site 10 of 11 in cluster I

Relative:
Lower

NY MANIFEST:
 Country: USA
 EPA ID: NYP004532032
 Facility Status: Not reported
 Location Address 1: BRUCKNER BLVD & BROWN PL
 Code: BP
 Location Address 2: SB21981
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10461
 Location Zip 4: Not reported

Actual:
22 ft.

NY MANIFEST:
 EPAID: NYP004532032
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117060944

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:	05/14/2014
Trans1 Recv Date:	05/14/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/15/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004532032
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002418562GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

J52
ENE
1/8-1/4
0.128 mi.
678 ft.

CON EDISON
468 E 134TH ST FRONT OF
BRONX, NY 10454

NY MANIFEST **S119076987**
N/A

Site 1 of 2 in cluster J

Relative:
Higher

NY MANIFEST:

Country: USA
 EPA ID: NYP004817995
 Facility Status: Not reported
 Location Address 1: 468 E 134TH ST
 Code: BP
 Location Address 2: SB 6156
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

Actual:
38 ft.

NY MANIFEST:

EPAID: NYP004817995
 Mailing Name: CON EDISON
 Mailing Contact: DENNIS HUACON
 Mailing Address 1: 4 IRVING PL 15TH FL
 Mailing Address 2: Not reported
 Mailing City: NEW YORK
 Mailing State: NY
 Mailing Zip: 10003
 Mailing Zip 4: Not reported
 Mailing Country: USA
 Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
 Manifest Status: Not reported
 seq: Not reported
 Year: 2015
 Trans1 State ID: NJD003812047
 Trans2 State ID: Not reported
 Generator Ship Date: 08/04/2015
 Trans1 Recv Date: 08/04/2015
 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: NYP004817995
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSDF ID 1: NJD991291105
 TSDF ID 2: Not reported
 Manifest Tracking Number: 002661309GBF
 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)

S119076987

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: 100
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

J53
ENE
1/8-1/4
0.128 mi.
678 ft.

CON EDISON
468 E 134TH ST FRONT OF
BRONX, NY 10454

RCRA NonGen / NLR **1019906164**
FINDS **NYP004817995**
ECHO

Site 2 of 2 in cluster J

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 08/04/2015

Facility name: CON EDISON

Actual:
38 ft.

Facility address: 468 E 134TH ST FRONT OF
 BRONX, NY 10454

EPA ID: NYP004817995

Mailing address: IRVING PL 15TH FL NE
 NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Not reported

Contact country: Not reported

Contact telephone: 212-460-3770

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019906164

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: 08/04/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069704163

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019906164
Registry ID: 110069704163
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069704163>

I54
East
1/8-1/4
0.130 mi.
686 ft.

111 BRUCKNER BLVD, LLC
111 BRUCKNER BLVD.
BRONX, NY 10454
Site 11 of 11 in cluster I

NY AST A100412871
N/A

Relative:
Higher

AST:

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-612495
Program Type: PBS
UTM X: 590890.07461
UTM Y: 4517657.38014
Expiration Date: N/A
Site Type: Manufacturing (Other than Chemical)/Processing

Actual:
26 ft.

Affiliation Records:

Site Id: 517177
Affiliation Type: Facility Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

111 BRUCKNER BLVD, LLC (Continued)

A100412871

Company Name: 111 BRUCKNER BOULEVARD LLC
Contact Type: MANAGER/MEMBER
Contact Name: JOHN CUDNEY
Address1: 111 BRUCKNER BLVD
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (203) 962-5993
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2015-11-19

Site Id: 517177
Affiliation Type: Mail Contact
Company Name: 111 BRUCKNER BOULEVARD LLC
Contact Type: Not reported
Contact Name: JOHN CUDNEY
Address1: 2 NORTHSIDE PIERS
Address2: APT. 10E
City: BROOKLYN
State: NY
Zip Code: 11249
Country Code: 001
Phone: (203) 962-5993
EMail: JOHN.CUDNEY@GMAIL.COM
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2015-11-19

Site Id: 517177
Affiliation Type: Facility Operator
Company Name: 111 BRUCKNER BLVD, LLC
Contact Type: Not reported
Contact Name: 111 BRUCKNER BOULEVARD LLC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (203) 962-5993
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2015-11-19

Site Id: 517177
Affiliation Type: Emergency Contact
Company Name: 111 BRUCKNER BOULEVARD LLC
Contact Type: Not reported
Contact Name: JOHN CUDNEY
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

111 BRUCKNER BLVD, LLC (Continued)

A100412871

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (203) 962-5993
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2015-11-19

Tank Info:

Tank Number: 001
Tank Id: 259661

Equipment Records:

L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 3500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 11/09/2015
Register: True
Modified By: NTFREEMA
Last Modified: 04/14/2017
Material Name: Not reported

H55
ESE
1/8-1/4
0.133 mi.
703 ft.

**CON EDISON
520 E 132ND ST FRONT OF
BRONX, NY 10454**

**RCRA NonGen / NLR 1019901715
NYP004765160**

Site 6 of 8 in cluster H

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 04/08/2015
Facility name: CON EDISON
Facility address: 520 E 132ND ST FRONT OF
BRONX, NY 10454
EPA ID: NYP004765160
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported

Actual:
19 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019901715

Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 04/08/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

**H56
ESE
1/8-1/4
0.133 mi.
703 ft.**

**CON EDISON
520 E 132ND ST FRONT OF
BRONX, NY 10454
Site 7 of 8 in cluster H**

**NJ MANIFEST S120670235
N/A**

**Relative:
Lower**

NJ MANIFEST:
EPA Id: NYP004765160
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

**Actual:
19 ft.**

Manifest:
Manifest Number: 002660871GBF

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S120670235

EPA ID: NYP004765160
 Date Shipped: 4/8/2015
 TSDF EPA ID: NJD991291105
 Transporter EPA ID: NJD003812047
 Transporter 2 EPA ID: Not reported
 Transporter 3 EPA ID: Not reported
 Transporter 4 EPA ID: Not reported
 Transporter 5 EPA ID: Not reported
 Transporter 6 EPA ID: Not reported
 Transporter 7 EPA ID: Not reported
 Transporter 8 EPA ID: Not reported
 Transporter 9 EPA ID: Not reported
 Transporter 10 EPA ID: Not reported
 Date Trans1 Transported Waste: Not reported
 Date Trans2 Transported Waste: Not reported
 Date Trans3 Transported Waste: Not reported
 Date Trans4 Transported Waste: Not reported
 Date Trans5 Transported Waste: Not reported
 Date Trans6 Transported Waste: Not reported
 Date Trans7 Transported Waste: Not reported
 Date Trans8 Transported Waste: Not reported
 Date Trans9 Transported Waste: Not reported
 Date Trans10 Transported Waste: Not reported
 Date TSDF Received Waste: Not reported
 TSDF EPA Facility Name: Not reported
 QTY Units: Not reported
 Transporter SEQ ID: Not reported
 Transporter-1 Date: Not reported
 Waste SEQ ID: Not reported
 Waste Type Code 2: Not reported
 Waste Type Code 3: Not reported
 Waste Type Code 4: Not reported
 Waste Type Code 5: Not reported
 Waste Type Code 6: Not reported
 Date Accepted: Not reported
 Manifest Discrepancy Type: Not reported
 Data Entry Number: Not reported
 Was Load Rejected: NEW YORK, NY 10003
 Reason Load Was Rejected: Not reported

**H57
 ESE
 1/8-1/4
 0.133 mi.
 703 ft.**

**CON EDISON
 520 E 132ND ST FRONT OF
 BRONX, NY 10454**

**NY MANIFEST S119074283
 N/A**

Site 8 of 8 in cluster H

**Relative:
 Lower**

NY MANIFEST:
 Country: USA
 EPA ID: NYP004765160
 Facility Status: Not reported
 Location Address 1: FO 520 E 132ND ST
 Code: BP
 Location Address 2: MH 5962
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY

**Actual:
 19 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119074283

Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004765160
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 04/08/2015
Trans1 Recv Date: 04/08/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/10/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004765160
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002660871GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 2000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119074283

Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

**K58
East
1/8-1/4
0.137 mi.
721 ft.**

**SHELL OIL-ALBAMA AUTO CTR
114 BRUCKNER BLVD
BRONX, NY 10454**

Site 1 of 3 in cluster K

**Relative:
Lower**

**Actual:
19 ft.**

RCRA-CESQG:

Date form received by agency: 01/01/2007
Facility name: SHELL SERVICE STATION
Facility address: 114 BRUCKNER BLVD
BRONX, NY 10454-4516
EPA ID: NY0001493014
Mailing address: JERICHO PLZ SUITE 500W
JERICHO, NY 11753
Contact: Not reported
Contact address: JERICHO PLZ SUITE 500W
JERICHO, NY 11753
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: SHELL OIL PRODUCTS CO
Owner/operator address: 30 JERICHO PLZ SUITE 500W
JERICHO, NY 11753
Owner/operator country: US
Owner/operator telephone: 516-365-2489

**RCRA-CESQG 1001171453
NY LTANKS NY0001493014
NY Spills
US AIRS
FINDS
ECHO
NY MANIFEST**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SHELL OIL PRODUCTS CO
Owner/operator address: 30 JERICO PLZ SUITE 500W
JERICO, NY 11753

Owner/operator country: US
Owner/operator telephone: 516-365-2489
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Site name: SHELL SERVICE STATION
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Site name: SHELL SERVICE STATION
Classification: Not a generator, verified

Date form received by agency: 07/02/1997
Site name: SHELL SERVICE STATION
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D008
. Waste name: LEAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

LTANKS:

Site ID: 292391
Spill Number/Closed Date: 9801880 / 2003-02-25
Spill Date: 1998-05-05
Spill Cause: Tank 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: KMFOLEY

Referred To: Not reported

Reported to Dept: 1998-05-13

CID: 365

Water Affected: Not reported

Spill Notifier: Other

Last Inspection: Not reported

Recommended Penalty: False

UST Involvement: True

Remediation Phase: 0

Date Entered In Computer: 1998-05-13

Spill Record Last Update: 2005-07-20

Spiller Name: DAVE MCNEIL

Spiller Company: SHELL

Spiller Address: 114 BRUCKNER BLVD

Spiller City,St,Zip: BRONX, NY 10454-

Spiller County: 001

Spiller Contact: DAVE MCNEIL

Spiller Phone: (516) 365-7240

Spiller Extention: Not reported

DEC Region: 2

DER Facility ID: 5904

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K
FOLEY Reference spill #0303604, 0013495, 9413289. 12/1/03 Reassigned
from Sangesland to K Foley."

Remarks: "4 1,000 GALLON GASOLINE TANKS - DURING AN UPGRADE OF TANKS ENCOUNTER
CONTAMINATED SOIL - SOIL HAS BEEN EXCAVATED & READY FOR DISPOSAL -
CROSS REF #94014389"

Material:

Site ID: 292391

Operable Unit ID: 1062420

Operable Unit: 01

Material ID: 323789

Material Code: 0009

Material Name: gasoline

Case No.: Not reported

Material FA: Petroleum

Quantity: .00

Units: Gallons

Recovered: .00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 307768
Spill Number/Closed Date: 9413289 / 2003-02-25
Spill Date: 1995-01-05
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: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 1995-01-05
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: 1995-02-27
Spill Record Last Update: 2005-07-20
Spiller Name: Not reported
Spiller Company: SHELL OIL COMPANY
Spiller Address: ONE JERICHO PLAZA
Spiller City,St,Zip: JERICHO, NY 11753-
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 5904
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY REPORT AND REQUEST FOR CLOSURE RECEIVED. WANT ADD'T SOILS INFORMATION. SHELL WILL DO GEOPROBE. 12/1/03 Reassigned from Sangesland to K Foley. Reference spill #s 0013495, 0303604, 9801880."
Remarks: "NON PRODUCT BEARING FAILURE, ABOVE PRODUCT LINE RECOMMENDATION, UNCOVER, ISOLATE, RE-TEST."

Material:

Site ID: 307768
Operable Unit ID: 1010837
Operable Unit: 01
Material ID: 372034
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 307768
Spill Tank Test: 1543503
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: 163322
Spill Number/Closed Date: 0007588 / 2004-10-25
Spill Date: 2000-09-27
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: KMFOLEY
Referred To: Not reported
Reported to Dept: 2000-09-28
CID: 390
Water Affected: Not reported
Spill Notifier: Local Agency
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0

Date Entered In Computer: 2000-09-28
Spill Record Last Update: 2005-07-21
Spiller Name: BRUCE BECK
Spiller Company: WOLF PETROLEUM
Spiller Address: 119 BRUCKNER BLVD
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: 5904
DEC Memo:

"Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY 12/4/03 Reassigned from Sangesland to Foley. Amoco (Wolf) site. 2/24/04 File review(KMF): 2/01 UST closure report submitted by National Env. for the removal of (1) 550gal wate oil UST. 2 bottom samples and 1 sidewall composite samples were all OK for VOCs. Bottom samples had mild SVOC hits. Sidewall samples had low SVOC hits. RCRA metals OK except for lead(minor). Subsequent boring samples from 8-10' below the excavation bottom were tested for TCLP for

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

Remarks: VOC/SVOC/lead and were all below limits. No groundwater samples taken. 9/29/04 Met with B. Cohen(Certilman Balin Attorneys), B. Beck(Consultant, National Env.) with J. Rommel and L. Oliva. See spill #0203687 for gasoline TTF. B. Beck to provide a response by 10/15/04 regarding gasoline TTF. "
"underground tank was overfilled or failed"

Material:

Site ID: 163322
Operable Unit ID: 828342
Operable Unit: 01
Material ID: 545122
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: 0303604
Facility Type: ER
DER Facility ID: 5904
Site ID: 292390
DEC Region: 2
Spill Date: 2003-07-07
Spill Number/Closed Date: 0303604 / 2009-12-07
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: AAOBLIGA
Referred To: NFA
Reported to Dept: 2003-07-07
CID: 216
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-07-07
Spill Record Last Update: 2009-12-07
Spiller Name: UNK
Spiller Company: SHELL
Spiller Address: 114 BRUCKNER BLVD
Spiller City,St,Zip: BRONX, NY -

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

Spiller Company: 001
Contact Name: ROB E RULE
Contact Phone: (540) 943-8468
DEC Memo: "PBS #2-190802 Reference spill #s 9413289, 9801880, 0013495. 8/22/2003 Matt Schneck from Northeast Environmental Solutions, Inc. submitted a Closure report dated August 8, 2003. The report details removal of USTs, dispenser islands, hydraulic lifts and product piping. Digging down to bedrock, endpoint soil samples taken at bedrock interface. No groundwater samples were taken. 8/25/2003 DEC requested a groundwater sample from the site. 1/5/03 Reassigned from Sangesland to Foley. Added gasoline to material spilled due to TAGM exceedances from spills 0013495, 9801880, 9413289. Received well-installation report dated 12/30/03 from NES. Installed three monitoring wells. MW-1, in vicinity of former 550s, identified BTEX/MTBE at 5864ppb/3100ppb on 10/10/03. 5/18/04 Update report received (NES, 5/12/04). BTEX range from ND(MW-2, MW-3) to 7473ppb(MW-1). MTBE from 0.7ppb(MW-3) to 1380ppb(MW-1). Need further groundwater delineation around MW-1. 7/22/04 Requested delineation around tank field/MW-1. M. Schneck, NES, will prepare map with proposed locations for Dept review. 7/28/04 Received update report with well installation proposal. 8/9/04 Sent access letters for installation of wells at 112 and 115 Bruckner Blvd. 9/8/04 M. Schneck notified Dept of drilling to be done 9/13-9/14. 11/23/04 Met with M. Schneck, NES and R. Rule, Shell. Update report received. 2 offsite wells drilled 9/13 & 9/22. No soil contamination detected. Seeing mounding in MW-3 probably due to backfill by coarse gravel. MW-6 is crossgradient and showing some BTEX(711ppb) but no MTBE. MW-6 has a high benzene(511ppb) to xylenes(90ppb) ratio while MW-1 has low benzene(60ppb) to xylenes(2080ppb) ratio. Hess and Amoco nearby. Station no longer operating. 12/10/04 Update from M. Schneck- did some research on documented releases in the vicinity of the 114 Bruckner Blvd site that could be impacting the off-site well we installed at the NW corner of Bruckner Blvd. and Brown Place (MW-6). The Hess (former Merit at 126-128 Bruckner Blvd.) east of the site (up-gradient?) has multiple spills assigned to it. Spill # 8606553 is from a 750-gallon gasoline spill resulting from an overflow of the USTs. Spill # 9205097 was called in during UST removal activities when contaminated soil was encountered. Spill #9405017 is from another overflow, the amount of which is not specified. The Amoco(Wolf) northeast at 119 Bruckner Blvd has (2) spills associated with it, one being for an unknown amount of gasoline spilled on land (#0203687), and the other being for a used oil UST failing a tightness test (#0007588). Both spills are closed. 12/15/04 Sent email to M. Schneck. Agreed that if concentrations are consistent in next round and GW flow direction is confirmed, MW-6 can be decommissioned. 12/20/04 Email from M. Schneck received. Will schedule hi-vac on MW-1 to try to reduce concentrations. 2/8/05 Update report received. Recent GW monitoring indicates MW-6 is sidegradient from on-site well MW-1. Also, GW analytical data for off-site well MW-6 has a high benzene to xylenes ratio and MTBE concentrations below the MDL. This is inconsistent with lab data for MW-1 with low benzene to xylenes ratio and MTBE concentrations >100ppb. Requesting sampling be discontinued at MW-6. 5/19/05 Spoke to new property owner, Mr. Christopher Persheff (212-772-7550 X28), at Bradford Sweet Management LLC. He had received a stop work order from DOB which told him he had to meet DEPs requirements. I told him that he would have to comply with both DEP and DEC separately. He

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

will be constructing a commercial building, Dunkin Donuts, on site. Shell has already removed the tanks and will be conducting gw monitoring. 5/20/05 C. Persheff sent letter stating that he spoke to M. Schneck and his tenant, Mr. Sethi. During demolition, the wells became filled with soil. His tenant will be repairing/replacing the wells at his cost. 5/31/05 Email to C. Persheff outlining requirements for investigation and RAP(to include soil samples under foundation and vapor mitigation). Stipulation due 6/15/05. Little E designated site. Callista Nazaire of DEP copied. 6/1/05 Spoke to M. Schneck, NES. Shell plans on doing the remediation. Shell will possibly sign stipulation agreement. 6/20/05 Received copy of letter from LCS (for BNS Mgmt) to D. Cabbagestalk, NYCDEP. Requesting approval to proceed with construction. 8/5/05 Received copy of letter from D. Cabbagestalk(718-595-4451), NYCDEP, which requires soil vapor investigation (2 indoor air samples from basement, 2 sub-slab samples) and specifications for vapor barrier. 9/14/05 Received copy of letter from D. Cabbagestalk, NYCDEP, to Marshall Kaminer, Bronx Borough Commissioner. Based upon analytical results for ambient indoor and outdoor air samples, NYCDEP does not object to construction. 2/1/06 Meeting with Shell, SAIC, Longshore. Will send sensitive receptor survey and model based on worst case scenario to do exposure assessment. 3 wells sampled 12/30/05. BTEX ranged from ND(MW-5,8) to 85ppb(MW-6). 3/22/06 Reassigned from Foley to Tang.(KMF) 8/22/08 - Obligado - Reassigned to Obligado as per BRevdo 12/7/09 - Obligado - Completed review of the spill file. According to previous closure reports, endpoint samples from the removal of UST and piping in 2003 were below soil cleanup criteria down to approximately 6 to 8 ft bgs in the vicinity of the tanks and dispensers and to 2 ft bgs in the vicinity of the piping and remote fills. Limited exceedences may still be present at the 4 ft interval at the remote fill based on a 2001 Soil boring investigation. However the 7 ft interval just above the bedrock was below SCOs. Soil impacts in the vicinity of the remote fill appears limited and does not appear to be impacted ground water quality. The most recent ground water results based on 3Q09 data had only one exceedence xylenes at 8 ug/l. MTBE was ND at all locations. After discussion with DEC Tibbe, this spill is closed. "

Remarks: "someone tipped over a drum that was stock piled spill is on the ground and will be recovered "

Material:

Site ID: 292390
Operable Unit ID: 871652
Operable Unit: 01
Material ID: 504468
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: 292390
Operable Unit ID: 871652
Operable Unit: 01
Material ID: 504469

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: True
Site ID: 292390
Operable Unit ID: 871652
Operable Unit: 01
Material ID: 2106570
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:

Facility ID: 0203687
Facility Type: ER
DER Facility ID: 5904
Site ID: 163323
DEC Region: 2
Spill Date: 2002-07-08
Spill Number/Closed Date: 0203687 / 2004-10-25
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: 2002-07-08
CID: 396
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: 2002-07-08
Spill Record Last Update: 2005-07-21
Spiller Name: Not reported
Spiller Company: WOLF PETROLEUM
Spiller Address: 125 JERICO TURNPIKE
Spiller City,St,Zip: JERICO, NY
Spiller Company: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

Contact Name: ADAM WOLF
Contact Phone: (516) 997-9300
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY 1/8/04 Reassigned from Vought to K Foley. 9/29/04 Met with B. Cohen(Certilman Balin Attorneys), B. Beck(Consultant, National Env.) with J. Rommel and L. Oliva. B. Beck to provide a response by 10/15/04. See spill #0007588 for waste oil tank test failure info. 10/25/04 Received repair record and affidavit for the premium tank submersible performed by Gasoline Installations, Inc. and final passing tightness test results prepared by Crompco. Repair affidavit signed 10/15/04 states that there was no evidence of contamination when they replaced leaking fittings at the premium submersible union 7/9/02. Tanks passed test on 7/10/02."
Remarks: "line leak...they will get a contractor to repair the leak"

Material:
Site ID: 163323
Operable Unit ID: 856576
Operable Unit: 01
Material ID: 521507
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: 0013495
Facility Type: ER
DER Facility ID: 5904
Site ID: 292389
DEC Region: 2
Spill Date: 2001-03-26
Spill Number/Closed Date: 0013495 / 2002-07-11
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: 2001-03-26
CID: 207
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

Date Entered In Computer: 2001-03-26
Spill Record Last Update: 2005-07-20
Spiller Name: ROB RULE
Spiller Company: SHELL EQUIVA SERVICES LLC
Spiller Address: PO BOX 1243
Spiller City,St,Zip: WAYNESBORO, VA 22980-001
Spiller Company: 001
Contact Name: MATT SCHNECK
Contact Phone: (516) 586-1800
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY 7/11/2002 - Spill Status switched to No Further Action if this property use is ever changed in the future, Equiva/Shell will be responsible for remediating the Hot Spots which remain on the site. 8/25/2003 - Shell pulled all tanks, dispensers, pipes etc. Report prepared by Northeast Environmental Solutions Inc. showed clean endpoints after excavation work. DEC requested a water sample in order to give closure. 12/1/03 Reassigned from Sangesland to K Foley. Reference #0303604, 9801880, 9413289."
Remarks: "contaminated soil found underneath dispensers soil borings to be performed"

Material:
Site ID: 292389
Operable Unit ID: 834974
Operable Unit: 01
Material ID: 540205
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:

US AIRS MINOR:
Envid: 1001171453
Region Code: 02
Programmatic ID: AIR NY0000002600700094
Facility Registry ID: 110009462937
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 NY0000002600700094
Facility Registry ID: 110009462937
Air Operating Status Code: OPR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-03-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:

Registry ID: 110009462937

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001171453
Registry ID: 110009462937
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009462937>

NY MANIFEST:

Country: USA
EPA ID: NY0001493014
Facility Status: Not reported
Location Address 1: 114 BRUCKNER BLVD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NY0001493014
Mailing Name: SHELL OIL PRODUCTS CO
Mailing Contact: CARYN SILVERSTEIN
Mailing Address 1: 30 JERICHO EXEC PLAZA 500W
Mailing Address 2: Not reported
Mailing City: JERICHO
Mailing State: NY
Mailing Zip: 11753
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 5163652489

NY MANIFEST:

Document ID: ARA9257500
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: 0902H205
Trans2 State ID: Not reported
Generator Ship Date: 06/24/1998
Trans1 Recv Date: 06/24/1998
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: NY0001493014
Trans1 EPA ID: OHD009865825
Trans2 EPA ID: Not reported
TSD ID 1: ARD069748192
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: 00975
Units: P - Pounds
Number of Containers: 002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL-ALBAMA AUTO CTR (Continued)

1001171453

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 additional NY_MANIFEST: detail in the EDR Site Report.

K59
East
1/8-1/4
0.137 mi.
721 ft.

SHELL SVC. STA. 138576
114 BRUCKNER BOULEVARD
BRONX, NY 10454

NY UST U000396403
NY AST N/A

Site 2 of 3 in cluster K

Relative:
Lower

UST:
Id/Status: 2-190802 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590913.53763
UTM Y: 4517644.04762
Site Type: Retail Gasoline Sales

Actual:
19 ft.

Affiliation Records:
Site Id: 5911
Affiliation Type: Facility Owner
Company Name: MOTIVA ENTERPRISES LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 520 ALLENS AVE.
Address2: Not reported
City: PROVIDENCE
State: RI
Zip Code: 02905
Country Code: 001
Phone: (401) 429-2200
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 5911
Affiliation Type: Mail Contact
Company Name: PERMIT ANALYST
Contact Type: Not reported
Contact Name: SHARON IRIZARRY
Address1: MOTIVE ENTERPRISES LLC
Address2: 520 ALLENS AVENUE, BLDG. 2
City: PROVIDENCE
State: RI
Zip Code: 02905
Country Code: 001
Phone: (401) 429-2277
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

SHELL SVC. STA. 138576 (Continued)

U000396403

Site Id: 5911
Affiliation Type: Emergency Contact
Company Name: MOTIVA ENTERPRISES LLC
Contact Type: Not reported
Contact Name: CHEM TREC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (800) 424-9300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 5911
Affiliation Type: Facility Operator
Company Name: SHELL SVC. STA. 138576
Contact Type: Not reported
Contact Name: ALBERTO GONZALA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 292-5225
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 7176
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 19
Date Test: 05/01/1998
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SVC. STA. 138576 (Continued)

U000396403

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H05 - Tank Leak Detection - In-Tank System (ATG)
D02 - Pipe Type - Galvanized Steel
F07 - Pipe External Protection - Retrofitted Sacrificial Anode
K01 - Spill Prevention - Catch Basin
A01 - Tank Internal Protection - Epoxy Liner
I03 - Overfill - Automatic Shut-Off
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 002
Tank ID: 7177
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1971
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 19
Date Test: 05/01/1998
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F07 - Pipe External Protection - Retrofitted Sacrificial Anode
A01 - Tank Internal Protection - Epoxy Liner
K01 - Spill Prevention - Catch Basin
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 003
Tank ID: 7178
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 12/01/1972
Date Tank Closed: 09/12/2003
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

SHELL SVC. STA. 138576 (Continued)

U000396403

Tightness Test Method: 19
Date Test: 05/01/1998
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A01 - Tank Internal Protection - Epoxy Liner
K01 - Spill Prevention - Catch Basin
F07 - Pipe External Protection - Retrofitted Sacrificial Anode
B01 - Tank External Protection - Painted/Asphalt Coating
I03 - Overfill - Automatic Shut-Off
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 004
Tank ID: 7179
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1951
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
I00 - Overfill - None
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 005
Tank ID: 7180
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SVC. STA. 138576 (Continued)

U000396403

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I00 - Overfill - None

Tank Number: 006
Tank ID: 7181
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Number: 007
Tank ID: 7182

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SVC. STA. 138576 (Continued)

U000396403

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Number: 008
Tank ID: 7183
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SVC. STA. 138576 (Continued)

U000396403

Tank Number: 009
Tank ID: 7184
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Number: 010
Tank ID: 7185
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SVC. STA. 138576 (Continued)

U000396403

B01 - Tank External Protection - Painted/Asphalt Coating
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Number: 011
Tank ID: 7186
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F01 - Pipe External Protection - Painted/Asphalt Coating

Tank Number: 012
Tank ID: 7187
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SVC. STA. 138576 (Continued)

U000396403

C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 013
Tank ID: 7188
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None

Tank Number: 014
Tank ID: 7189
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SVC. STA. 138576 (Continued)

U000396403

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 015
Tank ID: 7190
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 016
Tank ID: 7191
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/12/2003
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SVC. STA. 138576 (Continued)

U000396403

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

AST:

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-190802
Program Type: PBS
UTM X: 590913.53763
UTM Y: 4517644.04762
Expiration Date: N/A
Site Type: Retail Gasoline Sales

Affiliation Records:

Site Id: 5911
Affiliation Type: Facility Owner
Company Name: MOTIVA ENTERPRISES LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 520 ALLENS AVE.
Address2: Not reported
City: PROVIDENCE
State: RI
Zip Code: 02905
Country Code: 001
Phone: (401) 429-2200
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 5911
Affiliation Type: Mail Contact
Company Name: PERMIT ANALYST
Contact Type: Not reported
Contact Name: SHARON IRIZARRY
Address1: MOTIVE ENTERPRISES LLC
Address2: 520 ALLENS AVENUE, BLDG. 2
City: PROVIDENCE
State: RI
Zip Code: 02905
Country Code: 001
Phone: (401) 429-2277
EMail: Not reported
Fax Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SVC. STA. 138576 (Continued)

U000396403

Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 5911
Affiliation Type: Emergency Contact
Company Name: MOTIVA ENTERPRISES LLC
Contact Type: Not reported
Contact Name: CHEM TREC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (800) 424-9300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 5911
Affiliation Type: Facility Operator
Company Name: SHELL SVC. STA. 138576
Contact Type: Not reported
Contact Name: ALBERTO GONZALA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 292-5225
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 017
Tank Id: 54421
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I03 - Overfill - Automatic Shut-Off

Tank Location: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SVC. STA. 138576 (Continued)

U000396403

Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 05/01/1997
Capacity Gallons: 240
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 09/12/2003
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: Not reported

**L60
NW
1/8-1/4
0.137 mi.
723 ft.**

**CON EDISON MANHOLE: 6040
70 BRUCKNER BLVD
BRONX, NY 10457**

**RCRA NonGen / NLR 1017775971
FINDS NYP004538195**

Site 1 of 5 in cluster L

**Relative:
Lower**

RCRA NonGen / NLR:
Date form received by agency: 06/20/2014
Facility name: CON EDISON MANHOLE: 6040
Facility address: 70 BRUCKNER BLVD
BRONX, NY 10457
EPA ID: NYP004538195
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:
22 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: 05/20/2014

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON MANHOLE: 6040 (Continued)

1017775971

Site name: CON EDISON
 Classification: Large Quantity Generator

Date form received by agency: 05/20/2014
 Site name: CON EDISON
 Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063798804

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**L61
 NW
 1/8-1/4
 0.137 mi.
 723 ft.**

**CAMPUS COACH LINES
 70 BRUCKNER BOULEVARD
 BRONX, NY 10454**

**NY UST U001841101
 NY AST N/A**

Site 2 of 5 in cluster L

**Relative:
 Lower**

UST:
 Id/Status: 2-508608 / Unregulated/Closed
 Program Type: PBS
 Region: STATE
 DEC Region: 2
 Expiration Date: N/A
 UTM X: 590603.19017
 UTM Y: 4517813.92698
 Site Type: Trucking/Transportation/Fleet Operation

**Actual:
 22 ft.**

Affiliation Records:

Site Id: 21695
 Affiliation Type: Facility Operator
 Company Name: CAMPUS COACH LINES
 Contact Type: Not reported
 Contact Name: CAMPUS COACH
 Address1: Not reported
 Address2: Not reported
 City: Not reported
 State: NN
 Zip Code: Not reported
 Country Code: 001
 Phone: (718) 665-4445
 EMail: Not reported
 Fax Number: Not reported
 Modified By: NRLOMBAR
 Date Last Modified: 2010-03-23

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMPUS COACH LINES (Continued)

U001841101

Site Id: 21695
Affiliation Type: Emergency Contact
Company Name: BRUCKNER BY THE BRIDGE II LLC
Contact Type: Not reported
Contact Name: BRYAN P. KELLY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 620-0500
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-03-23

Site Id: 21695
Affiliation Type: Facility Owner
Company Name: BRUCKNER BY THE BRIDGE II LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 155 AVENUE OF THE AMERICAS
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10013
Country Code: 001
Phone: (212) 620-0500
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-03-23

Site Id: 21695
Affiliation Type: Mail Contact
Company Name: BRINKERHOFF ENVIRONMENTAL SERVICES, INC
Contact Type: Not reported
Contact Name: DOUG HARM
Address1: 1913 ATLANTIC AVENUE
Address2: SUITE R5
City: MANASQUAN
State: NJ
Zip Code: 08736
Country Code: 001
Phone: (732) 223-2225
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-03-23

Tank Info:

Tank Number: 001
Tank ID: 39439
Tank Status: Closed - Removed
Material Name: Closed - Removed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMPUS COACH LINES (Continued)

U001841101

Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 06/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G99 - Tank Secondary Containment - Other
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
H99 - Tank Leak Detection - Other

Tank Number: 002
Tank ID: 57279
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2500
Install Date: 06/01/1998
Date Tank Closed: 01/25/2010
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 12/01/2005
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A03 - Tank Internal Protection - Fiberglass Liner (FRP)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMPUS COACH LINES (Continued)

U001841101

Tank Number: 003
Tank ID: 233487
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: Not reported
Date Tank Closed: 01/25/2010
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
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: NRLOMBAR
Last Modified: 04/14/2017

AST:

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-508608
Program Type: PBS
UTM X: 590603.19017
UTM Y: 4517813.92698
Expiration Date: N/A
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id: 21695
Affiliation Type: Facility Operator
Company Name: CAMPUS COACH LINES
Contact Type: Not reported
Contact Name: CAMPUS COACH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 665-4445
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-03-23

Site Id: 21695
Affiliation Type: Emergency Contact
Company Name: BRUCKNER BY THE BRIDGE II LLC
Contact Type: Not reported
Contact Name: BRYAN P. KELLY
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

CAMPUS COACH LINES (Continued)

U001841101

State: NN
Zip Code: Not reported
Country Code: 999
Phone: (212) 620-0500
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-03-23

Site Id: 21695
Affiliation Type: Facility Owner
Company Name: BRUCKNER BY THE BRIDGE II LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 155 AVENUE OF THE AMERICAS
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10013
Country Code: 001
Phone: (212) 620-0500
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-03-23

Site Id: 21695
Affiliation Type: Mail Contact
Company Name: BRINKERHOFF ENVIRONMENTAL SERVICES, INC
Contact Type: Not reported
Contact Name: DOUG HARM
Address1: 1913 ATLANTIC AVENUE
Address2: SUITE R5
City: MANASQUAN
State: NJ
Zip Code: 08736
Country Code: 001
Phone: (732) 223-2225
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-03-23

Tank Info:

Tank Number: CT1
Tank Id: 227946
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMPUS COACH LINES (Continued)

U001841101

A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
H05 - Tank Leak Detection - In-Tank System (ATG)
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 03/15/2009
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/25/2010
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: CT2
Tank Id: 227947
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/15/2002
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/25/2010
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: CT3
Tank Id: 227948
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMPUS COACH LINES (Continued)

U001841101

B00 - Tank External Protection - None
D00 - Pipe Type - No Piping
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/15/2002
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/25/2010
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: CT4
Tank Id: 227949
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/15/2002
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/25/2010
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: CT5
Tank Id: 227950
Material Code: 0013
Common Name of Substance: Lube Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMPUS COACH LINES (Continued)

U001841101

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/15/2002
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 01/25/2010
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

**L62
NW
1/8-1/4
0.137 mi.
723 ft.**

**CON EDISON
70 BRUCKNER BLVD
BRONX, NY 10457
Site 3 of 5 in cluster L**

**NY MANIFEST S117061509
N/A**

**Relative:
Lower**

NY MANIFEST:
Country: USA
EPA ID: NYP004538195
Facility Status: Not reported
Location Address 1: BRUCKNER BLVD & ALEXANDER AV
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10461
Location Zip 4: Not reported

**Actual:
22 ft.**

NY MANIFEST:
EPAID: NYP004538195
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117061509

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2014
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	05/21/2014
Trans1 Recv Date:	05/21/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/21/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004538195
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NYD077444263
TSD ID 2:	Not reported
Manifest Tracking Number:	004808754FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
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:	B007
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

M63
ENE
1/8-1/4
0.145 mi.
768 ft.

CON EDISON
133 BROWN PL
BRONX, NY 10454
Site 1 of 3 in cluster M

NJ MANIFEST **S120674347**
N/A

Relative:
Higher

NJ MANIFEST:
EPA Id: NYP004811754
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDf Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Actual:
30 ft.

Manifest:
Manifest Number: 002661204GBF
EPA ID: NYP004811754
Date Shipped: 7/23/2015
TSDf EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120674347

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

M64
ENE
1/8-1/4
0.145 mi.
768 ft.

CON EDISON
133 BROWN PL
BRONX, NY 10454

NY MANIFEST **S118258191**
N/A

Site 2 of 3 in cluster M

Relative:
Higher

NY MANIFEST:

Country: USA
EPA ID: NYP004811754
Facility Status: Not reported
Location Address 1: 133 BROWN PL
Code: BP
Location Address 2: SB 1253
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
30 ft.

NY MANIFEST:

EPAID: NYP004811754
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 07/23/2015
Trans1 Recv Date: 07/23/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/28/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004811754
Trans1 EPA ID: Not reported
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

CON EDISON (Continued)

S118258191

Manifest Tracking Number: 002661204GBF
 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

[Click this hyperlink](#) while viewing on your computer to access
 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

M65
ENE
1/8-1/4
0.145 mi.
768 ft.

CON EDISON
133 BROWN PL
BRONX, NY 10454
Site 3 of 3 in cluster M

RCRA NonGen / NLR **1019905623**
NYP004811754

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 07/23/2015

Actual:
30 ft.

Facility name: CON EDISON
 Facility address: 133 BROWN PL
 BRONX, NY 10454
 EPA ID: NYP004811754
 Mailing address: IRVING PL 15TH FL NE
 NEW YORK, NY 10003
 Contact: THOMAS TEELING
 Contact address: Not reported
 Not reported
 Contact country: Not reported
 Contact telephone: 212-460-3770
 Contact email: Not reported
 EPA Region: 02
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019905623

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 07/23/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

**L66
NNW
1/8-1/4
0.147 mi.
774 ft.**

**CON EDISON SERVICE BOX: 21922
69 BRUCKNER BLVD FRONT OF
BRONX, NY 10454**

**RCRA NonGen / NLR 1017778747
FINDS NYP004566923**

Site 4 of 5 in cluster L

**Relative:
Higher**

RCRA NonGen / NLR:

Date form received by agency: 07/17/2014
Facility name: CON EDISON SERVICE BOX: 21922
Facility address: 69 BRUCKNER BLVD FRONT OF
BRONX, NY 10454
EPA ID: NYP004566923
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:
27 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: 21922 (Continued)

1017778747

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: 06/17/2014
 Site name: CON EDISON
 Classification: Large Quantity Generator

Date form received by agency: 06/17/2014
 Site name: CON EDISON
 Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063822519

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

L67
 NNW
 1/8-1/4
 0.147 mi.
 774 ft.

CON EDISON
69 BRUCKNER BLVD
BRONX, NY 10454
Site 5 of 5 in cluster L

NY MANIFEST S117064223
N/A

Relative:
Higher

NY MANIFEST:
 Country: USA
 EPA ID: NYP004712253
 Facility Status: Not reported
 Location Address 1: 69 BRUCKNER BLVD
 Code: BP
 Location Address 2: SERVICE BOX # 21922
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

Actual:
27 ft.

NY MANIFEST:
 EPAID: NYP004712253
 Mailing Name: CON EDISON
 Mailing Contact: TOM TELLING

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117064223

Mailing Address 1: 4 IRVING PLACE-15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/06/2015
Trans1 Recv Date: 01/06/2015
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: NYP004712253
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 012773343JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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)

S117064223

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

Country: USA
EPA ID: NYP004566923
Facility Status: Not reported
Location Address 1: 69 BRUCKNER BLVD
Code: BP
Location Address 2: SB21922
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10461
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004566923
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/17/2014
Trans1 Recv Date: 06/17/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/17/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004566923
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002502331GBF
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

CON EDISON (Continued)

S117064223

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: 70
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

N68
East
1/8-1/4
0.147 mi.
776 ft.

BARAK SPEEDY LUBE
115 BRUCKNER BOULEVARD
BRONX, NY 10454
Site 1 of 10 in cluster N

NY UST U003200565
NY MANIFEST N/A

Relative:
Lower

UST:
Id/Status: 2-603099 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 08/15/2017
UTM X: 590913.53763
UTM Y: 4517644.04762
Site Type: Other Wholesale/Retail Sales

Actual:
19 ft.

Affiliation Records:
Site Id: 25051
Affiliation Type: Mail Contact
Company Name: URSUS MANAGEMENT CORP.
Contact Type: Not reported
Contact Name: MR. DOVI LACHMI
Address1: 3220 ARLINGTON AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10463
Country Code: 001
Phone: (718) 549-1778
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-11-15

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARAK SPEEDY LUBE (Continued)

U003200565

Site Id: 25051
Affiliation Type: Facility Operator
Company Name: BARAK SPEEDY LUBE
Contact Type: Not reported
Contact Name: DOVI LACHMI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 993-5215
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-11-15

Site Id: 25051
Affiliation Type: Emergency Contact
Company Name: MARTIN TAUB
Contact Type: Not reported
Contact Name: DOVI LACHMI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 993-5215
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-11-15

Site Id: 25051
Affiliation Type: Facility Owner
Company Name: MARTIN TAUB
Contact Type: OWNER
Contact Name: MARTIN TAUB
Address1: 3 RIVERCREST ROAD
Address2: Not reported
City: RIVERDALE
State: NY
Zip Code: 10471
Country Code: 001
Phone: (718) 544-1778
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2012-12-18

Tank Info:

Tank Number: 001
Tank ID: 53058
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

BARAK SPEEDY LUBE (Continued)

U003200565

Capacity Gallons: 2000
Install Date: 11/01/1988
Date Tank Closed: 04/28/2009
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: 21
Date Test: 01/29/2008
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
E00 - Piping Secondary Containment - None
A01 - Tank Internal Protection - Epoxy Liner
L00 - Piping Leak Detection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
I05 - Overfill - Vent Whistle

Tank Number: 002
Tank ID: 53059
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: 11/01/1988
Date Tank Closed: 04/28/2009
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: 21
Date Test: 01/29/2008
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
I05 - Overfill - Vent Whistle
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARAK SPEEDY LUBE (Continued)

U003200565

H04 - Tank Leak Detection - Groundwater Well
A01 - Tank Internal Protection - Epoxy Liner
E00 - Piping Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
L00 - Piping Leak Detection - None

Tank Number: 003
Tank ID: 53060
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: 11/01/1988
Date Tank Closed: 04/28/2009
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: 21
Date Test: 01/29/2008
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
A01 - Tank Internal Protection - Epoxy Liner
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
I05 - Overfill - Vent Whistle

Tank Number: 004
Tank ID: 53061
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1000
Install Date: 11/01/1988
Date Tank Closed: 04/28/2009
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: 21
Date Test: 01/29/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARAK SPEEDY LUBE (Continued)

U003200565

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None
H04 - Tank Leak Detection - Groundwater Well
E00 - Piping Secondary Containment - None
A01 - Tank Internal Protection - Epoxy Liner
I05 - Overfill - Vent Whistle
G04 - Tank Secondary Containment - Double-Walled (Underground)

NY MANIFEST:

Country: USA
EPA ID: NYP004544896
Facility Status: Not reported
Location Address 1: 115 BRUCKNER BLVD
Code: BP
Location Address 2: SB 21946
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004544896
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: 05/28/2014
Trans1 Recv Date: 05/28/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/02/2014
Part A Recv Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARAK SPEEDY LUBE (Continued)

U003200565

Part B Recv Date: Not reported
Generator EPA ID: NYP004544896
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDf ID 1: NJD991291105
TSDf ID 2: Not reported
Manifest Tracking Number: 002418496GBF
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: 400
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

N69
East
1/8-1/4
0.147 mi.
776 ft.

BARAK SPEEDY LUBE
115 BRUCKNER BOULEVARD
BRONX, NY 10454
Site 2 of 10 in cluster N

NY AST **A100358183**
N/A

Relative:
Lower

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-603099
Program Type: PBS
UTM X: 590913.53763
UTM Y: 4517644.04762
Expiration Date: 08/15/2017
Site Type: Other Wholesale/Retail Sales

Actual:
19 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARAK SPEEDY LUBE (Continued)

A100358183

Affiliation Records:

Site Id: 25051
Affiliation Type: Mail Contact
Company Name: URSUS MANAGEMENT CORP.
Contact Type: Not reported
Contact Name: MR. DOVI LACHMI
Address1: 3220 ARLINGTON AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10463
Country Code: 001
Phone: (718) 549-1778
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-11-15

Site Id: 25051
Affiliation Type: Facility Operator
Company Name: BARAK SPEEDY LUBE
Contact Type: Not reported
Contact Name: DOVI LACHMI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 993-5215
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-11-15

Site Id: 25051
Affiliation Type: Emergency Contact
Company Name: MARTIN TAUB
Contact Type: Not reported
Contact Name: DOVI LACHMI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 993-5215
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2011-11-15

Site Id: 25051
Affiliation Type: Facility Owner
Company Name: MARTIN TAUB
Contact Type: OWNER
Contact Name: MARTIN TAUB

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARAK SPEEDY LUBE (Continued)

A100358183

Address1: 3 RIVERCREST ROAD
Address2: Not reported
City: RIVERDALE
State: NY
Zip Code: 10471
Country Code: 001
Phone: (718) 544-1778
EMail: Not reported
Fax Number: Not reported
Modified By: MSBAPTIS
Date Last Modified: 2012-12-18

Tank Info:

Tank Number: 11
Tank Id: 240467
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

I05 - Overfill - Vent Whistle
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/26/2009
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 12
Tank Id: 240468
Material Code: 0013
Common Name of Substance: Lube Oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARAK SPEEDY LUBE (Continued)

A100358183

Equipment Records:

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/26/2009
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 13
Tank Id: 240469
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARAK SPEEDY LUBE (Continued)

A100358183

Pipe Model: Not reported
Install Date: 02/26/2009
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 14
Tank Id: 240470
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/26/2009
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 15
Tank Id: 240471
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARAK SPEEDY LUBE (Continued)

A100358183

F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G09 - Tank Secondary Containment - Modified Double-Walled
(Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/26/2009
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 16
Tank Id: 240472
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G09 - Tank Secondary Containment - Modified Double-Walled
(Aboveground)
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/26/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARAK SPEEDY LUBE (Continued)

A100358183

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: 04/14/2017
Material Name: Not reported

Tank Number: 17
Tank Id: 240473
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/26/2009
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 18
Tank Id: 240474
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARAK SPEEDY LUBE (Continued)

A100358183

J02 - Dispenser - Suction Dispenser
G09 - Tank Secondary Containment - Modified Double-Walled
(Aboveground)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 02/26/2009
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

N70
East
1/8-1/4
0.147 mi.
776 ft.

CON EDISON SERVICE BOX: 21946
115 BRUCKNER BLVD FRONT OF
BRONX, NY 10454
Site 3 of 10 in cluster N

RCRA NonGen / NLR 1017776626
NYP004544896

Relative:
Lower

RCRA NonGen / NLR:

Actual:
19 ft.

Date form received by agency: 06/28/2014
Facility name: CON EDISON SERVICE BOX: 21946
Facility address: 115 BRUCKNER BLVD FRONT OF
BRONX, NY 10454
EPA ID: NYP004544896
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 21946 (Continued)

1017776626

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: 05/28/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 05/28/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

O71
ESE
1/8-1/4
0.150 mi.
792 ft.

220 EAST REALTY INC.
511-517 EAST 132 STREET
BRONX, NY 10454

NY UST **U000402537**
N/A

Site 1 of 17 in cluster O

Relative:
Lower

UST:
Id/Status: 2-309036 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590942.11982
UTM Y: 4517532.26344
Site Type: Trucking/Transportation/Fleet Operation

Actual:
19 ft.

Affiliation Records:
Site Id: 14069
Affiliation Type: Facility Owner
Company Name: 220 EAST REALTY INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 511-517 EAST 132 STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 401-1511
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 14069
Affiliation Type: Mail Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

220 EAST REALTY INC. (Continued)

U000402537

Company Name: 220 EAST REALTY INC.
Contact Type: Not reported
Contact Name: DAVE HOLLAND
Address1: 2447 THIRD AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 585-3242
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 14069
Affiliation Type: Facility Operator
Company Name: 220 EAST REALTY INC.
Contact Type: Not reported
Contact Name: MOSHE ALTMARK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 401-1511
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 14069
Affiliation Type: Emergency Contact
Company Name: 220 EAST REALTY INC.
Contact Type: Not reported
Contact Name: MOSHE ALTMARK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 401-1511
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 17766
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 3000
Install Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

220 EAST REALTY INC. (Continued)

U000402537

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: 21
Date Test: 09/22/2000
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D10 - Pipe Type - Copper
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 17767
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 3000
Install Date: Not reported
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: 21
Date Test: 09/22/2000
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D10 - Pipe Type - Copper
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

220 EAST REALTY INC. (Continued)

U000402537

Tank Number: 003
Tank ID: 60706
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 3000
Install Date: Not reported
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: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 010
Tank ID: 48353
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

220 EAST REALTY INC. (Continued)

U000402537

F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: 011
Tank ID: 48354
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1994
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping

P72
NNW
1/8-1/4
0.150 mi.
794 ft.

CON EDISON
370 E 134TH ST FRONT OF
BRONX, NY 10454

NY MANIFEST S117063618
N/A

Site 1 of 6 in cluster P

Relative:
Higher

NY MANIFEST:
Country: USA
EPA ID: NYP004560504
Facility Status: Not reported
Location Address 1: 370 EAST 134 ST
Code: BP
Location Address 2: SB6137
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10461
Location Zip 4: Not reported

Actual:
29 ft.

NY MANIFEST:
EPAID: NYP004560504
Mailing Name: CON EDISON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117063618

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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/11/2014
Trans1 Recv Date: 06/11/2014
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: NYP004560504
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002423058GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117063618

Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**P73
NNW
1/8-1/4
0.150 mi.
794 ft.**

**CON EDISON SERVICE BOX: 6142
370 E 134TH ST FRONT OF
BRONX, NY 10454**

**RCRA NonGen / NLR 1017776989
FINDS NYP004548707**

Site 2 of 6 in cluster P

**Relative:
Higher**

RCRA NonGen / NLR:

Date form received by agency: 06/30/2014

Facility name: CON EDISON SERVICE BOX: 6142

Facility address: 370 E 134TH ST FRONT OF
BRONX, NY 10454

EPA ID: NYP004548707

Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Contact address: 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:
29 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: 05/30/2014

Site name: CON EDISON

Classification: Large Quantity Generator

Date form received by agency: 05/30/2014

Site name: CON EDISON

Classification: Not a generator, verified

Violation Status: No violations found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON SERVICE BOX: 6142 (Continued)

1017776989

FINDS:

Registry ID: 110063815634

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**P74
 NNW
 1/8-1/4
 0.150 mi.
 794 ft.**

**CON EDISON
 370 E 134TH ST
 BRONX, NY 10454**

**NY MANIFEST S117062516
 N/A**

Site 3 of 6 in cluster P

**Relative:
 Higher**

NY MANIFEST:

Country: USA
 EPA ID: NYP004819037
 Facility Status: Not reported
 Location Address 1: OPP 370 E 134TH ST
 Code: BP
 Location Address 2: SB 6137
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

**Actual:
 29 ft.**

NY MANIFEST:

EPAID: NYP004819037
 Mailing Name: CON EDISON
 Mailing Contact: DENNIS HUACON
 Mailing Address 1: 4 IRVING PL 15TH FL
 Mailing Address 2: Not reported
 Mailing City: NEW YORK
 Mailing State: NY
 Mailing Zip: 10003
 Mailing Zip 4: Not reported
 Mailing Country: USA
 Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
 Manifest Status: Not reported
 seq: Not reported
 Year: 2015
 Trans1 State ID: NJD003812047
 Trans2 State ID: Not reported
 Generator Ship Date: 08/05/2015
 Trans1 Recv Date: 08/05/2015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062516

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: NYP004819037
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002661313GBF
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

[Click this hyperlink](#) while viewing on your computer to access 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

Country: USA
EPA ID: NYP004548707
Facility Status: Not reported
Location Address 1: FO 370 E 134 ST
Code: BP
Location Address 2: SB 6142
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported
NY MANIFEST:
EPAID: NYP004548707

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062516

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: 05/30/2014
Trans1 Recv Date: 05/30/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004548707
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002422845GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062516

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

P75
NNW
1/8-1/4
0.150 mi.
794 ft.

CON EDISON
370 E 134TH ST
BRONX, NY 10454

RCRA NonGen / NLR **1019906254**
FINDS **NYP004819037**
ECHO

Site 4 of 6 in cluster P

Relative:
Higher

RCRA NonGen / NLR:

Actual:
29 ft.

Date form received by agency: 08/05/2015
Facility name: CON EDISON
Facility address: 370 E 134TH ST
BRONX, NY 10454
EPA ID: NYP004819037
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 08/05/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

1019906254

Registry ID: 110069643960

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019906254
 Registry ID: 110069643960
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069643960>

**P76
 NNW
 1/8-1/4
 0.150 mi.
 794 ft.**

**CON EDISON
 370 E 134TH ST
 BRONX, NY 10454
 Site 5 of 6 in cluster P**

**NJ MANIFEST S120675016
 N/A**

**Relative:
 Higher**

NJ MANIFEST:
 EPA Id: NYP004819037
 Mail Address: IRVING PL 15TH FL NE
 Mail City/State/Zip: NEW YORK, NY 10003
 Facility Phone: Not reported
 Emergency Phone: Not reported
 Contact: THOMAS TEELING
 Comments: Not reported
 SIC Code: Not reported
 County: NY005
 Municipal: Not reported
 Previous EPA Id: Not reported
 Gen Flag: Not reported
 Trans Flag: Not reported
 TSD Flag: Not reported
 Name Change: Not reported
 Date Change: Not reported

**Actual:
 29 ft.**

Manifest:
 Manifest Number: 002661313GBF
 EPA ID: NYP004819037
 Date Shipped: 8/5/2015
 TSD EPA ID: NJD991291105
 Transporter EPA ID: NJD003812047
 Transporter 2 EPA ID: Not reported
 Transporter 3 EPA ID: Not reported
 Transporter 4 EPA ID: Not reported
 Transporter 5 EPA ID: Not reported
 Transporter 6 EPA ID: Not reported
 Transporter 7 EPA ID: Not reported
 Transporter 8 EPA ID: Not reported
 Transporter 9 EPA ID: Not reported
 Transporter 10 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120675016

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
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

P77
NNW
1/8-1/4
0.150 mi.
794 ft.

CON EDISON SERVICE BOX: 6137
370 E 134TH ST FRONT OF
BRONX, NY 10454
Site 6 of 6 in cluster P

RCRA NonGen / NLR 1017778133
FINDS NYP004560504

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 07/11/2014
Facility name: CON EDISON SERVICE BOX: 6137
Facility address: 370 E 134TH ST FRONT OF
BRONX, NY 10454
EPA ID: NYP004560504
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: 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:
29 ft.

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 6137 (Continued)

1017778133

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: 06/11/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 06/11/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063831554

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**Q78
NW
1/8-1/4
0.152 mi.
803 ft.**

**CON EDISON - MANHOLE 5956
331 EAST 132ND ST OPP OF
BRONX, NY 10454
Site 1 of 3 in cluster Q**

**RCRA-LQG 1018278380
NYP004731493**

**Relative:
Lower**

RCRA-LQG:
Date form received by agency: 02/05/2016
Facility name: CON EDISON - MANHOLE 5956
Facility address: 331 EAST 132ND ST OPP OF
BRONX, NY 10454
EPA ID: NYP004731493
Mailing address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact: THERESA BURKARD
Contact address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact country: US

**Actual:
9 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - MANHOLE 5956 (Continued)

1018278380

Contact telephone: 212-460-2262
Contact email: BURKARDT@CONED.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/12/2015
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/12/2015
Owner/Op end date: Not reported

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - MANHOLE 5956 (Continued)

1018278380

Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

Historical Generators:

Date form received by agency: 02/12/2015
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 02/12/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D008
Waste name: LEAD
Amount (Lbs): 5000

Violation Status: No violations found

Q79
NW
1/8-1/4
0.152 mi.
803 ft.

CON EDISON - MANHOLE 5956
331 EAST 132ND ST OPP OF
BRONX, NY 10454
Site 2 of 3 in cluster Q

NJ MANIFEST **S120667254**
N/A

Relative:
Lower

NJ MANIFEST:
EPA Id: NYP004731493
Mail Address: IRVING PLACE, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THERESA BURKARD
Comments: Not reported
SIC Code: Not reported
County: 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

Actual:
9 ft.

Manifest:

Manifest Number: 002564873GBF
EPA ID: NYP004731493
Date Shipped: 2/12/2015
TSD EPA ID: NJD991291105
Transporter EPA ID: NJD003812047

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON - MANHOLE 5956 (Continued)

S120667254

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
 Was Load Rejected: NEW YORK, NY 10003
 Reason Load Was Rejected: Not reported

Q80
NW
1/8-1/4
0.152 mi.
803 ft.

CON EDISON
331 E 132ND ST
BRONX, NY 10454

NY MANIFEST S117739998
N/A

Site 3 of 3 in cluster Q

Relative:
Lower

NY MANIFEST:
 Country: USA
 EPA ID: NYP004731493

Actual:
9 ft.

Facility Status: Not reported
 Location Address 1: 331 EAST 132ND ST OPP OF
 Code: BP
 Location Address 2: Not reported
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

NY MANIFEST:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117739998

EPAID: NYP004731493
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: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 02/12/2015
Trans1 Recv Date: 02/12/2015
Trans2 Recv Date: 02/13/2015
TSD Site Recv Date: 02/13/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004731493
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002564873GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117739998

Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

K81
East
1/8-1/4
0.152 mi.
803 ft.

LITTLE JOHNS MOVING INC.
120 BRUCKNER BOULEVARD
BRONX, NY 10454

NY AST **U003388249**
N/A

Site 3 of 3 in cluster K

Relative:
Lower

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-268372
Program Type: PBS
UTM X: 590978.03394
UTM Y: 4517613.19859
Expiration Date: 01/22/2018
Site Type: Other

Actual:
18 ft.

Affiliation Records:
Site Id: 11181
Affiliation Type: Facility Owner
Company Name: LITTLE JOHNS MOVING
Contact Type: PRES
Contact Name: JOHN HEALEY
Address1: 1602 1ST AVENUE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10028
Country Code: 001
Phone: (212) 734-3300
EMail: Not reported
Fax Number: Not reported
Modified By: msbaptis
Date Last Modified: 2008-01-04

Site Id: 11181
Affiliation Type: Mail Contact
Company Name: LITTLE JOHNS MOVING INC.
Contact Type: Not reported
Contact Name: JOHN HEALEY
Address1: 1602 FIRST AVENUE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10028
Country Code: 001
Phone: (212) 734-3300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LITTLE JOHNS MOVING INC. (Continued)

U003388249

Date Last Modified: 2004-03-04

Site Id: 11181
Affiliation Type: Facility Operator
Company Name: LITTLE JOHNS MOVING INC.
Contact Type: Not reported
Contact Name: JOHN HEALEY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 734-3300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 11181
Affiliation Type: Emergency Contact
Company Name: LITTLE JOHNS MOVING
Contact Type: Not reported
Contact Name: JOHN HEALEY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 734-3300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 13493
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
G07 - Tank Secondary Containment - Excavation Liner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LITTLE JOHNS MOVING INC. (Continued)

U003388249

I05 - Overfill - Vent Whistle
B05 - Tank External Protection - Jacketed
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 06/01/1974
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: KAKYER
Last Modified: 04/14/2017
Material Name: Not reported

O82
ESE
1/8-1/4
0.158 mi.
832 ft.

CON EDISON
E 132ND ST & BROOK AVE
BRONX, NY 10454

RCRA NonGen / NLR

1019901957
NYP004767919

Site 2 of 17 in cluster O

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 04/14/2015

Facility name: CON EDISON

Facility address: E 132ND ST & BROOK AVE

VAULT2387

BRONX, NY 10454

EPA ID: NYP004767919

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 (Continued)

1019901957

Used oil transporter: No

Historical Generators:

Date form received by agency: 04/14/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

O83
ESE
1/8-1/4
0.158 mi.
832 ft.

CON EDISON
E 132ND ST & BROOK AVE
BRONX, NY 10454
Site 3 of 17 in cluster O

RCRA NonGen / NLR **1019901959**
NYP004767935

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 04/14/2015
Facility name: CON EDISON
Facility address: E 132ND ST & BROOK AVE
VAULTM29912
BRONX, NY 10454

Actual:
19 ft.

EPA ID: NYP004767935
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 04/14/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

O84
ESE
1/8-1/4
0.158 mi.
832 ft.

CON EDISON
E 132ND ST & BROOK AVE
BRONX, NY 10454

NY MANIFEST **S118089194**
N/A

Site 4 of 17 in cluster O

Relative:
Lower

NY MANIFEST:

Country: USA
 EPA ID: NYP004767919
 Facility Status: Not reported
 Location Address 1: E 132ND ST & BROOK AVE
 Code: BP
 Location Address 2: V 2387
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10451
 Location Zip 4: Not reported

Actual:
19 ft.

NY MANIFEST:

EPAID: NYP004767919
 Mailing Name: CON EDISON
 Mailing Contact: DENNIS HUACON
 Mailing Address 1: 4 IRVING PL 15TH FL
 Mailing Address 2: Not reported
 Mailing City: NEW YORK
 Mailing State: NY
 Mailing Zip: 10003
 Mailing Zip 4: Not reported
 Mailing Country: USA
 Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
 Manifest Status: Not reported
 seq: Not reported
 Year: 2015
 Trans1 State ID: NJ0000027193
 Trans2 State ID: Not reported
 Generator Ship Date: 04/14/2015
 Trans1 Recv Date: 04/14/2015
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 04/17/2015
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004767919
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSDF ID 1: NJD002200046
 TSDF ID 2: Not reported
 Manifest Tracking Number: 014085256JJK
 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)

S118089194

Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H110
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 500
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

O85
ESE
1/8-1/4
0.158 mi.
832 ft.

CON EDISON
E 132ND ST & BROOK AVE
BRONX, NY 10454

NY MANIFEST **S118089196**
N/A

Site 5 of 17 in cluster O

Relative:
Lower

NY MANIFEST:
 Country: USA
 EPA ID: NYP004767935
 Facility Status: Not reported
 Location Address 1: E 132ND ST & BROOK AVE
 Code: BP
 Location Address 2: M 29912
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10451
 Location Zip 4: Not reported

Actual:
19 ft.

NY MANIFEST:
 EPAID: NYP004767935
 Mailing Name: CON EDISON
 Mailing Contact: DENNIS HUACON
 Mailing Address 1: 4 IRVING PL 15TH FL
 Mailing Address 2: Not reported
 Mailing City: NEW YORK
 Mailing State: NY
 Mailing Zip: 10003
 Mailing Zip 4: Not reported
 Mailing Country: USA
 Mailing Phone: 2124603770

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118089196

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:	04/14/2015
Trans1 Recv Date:	04/14/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/17/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004767935
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	014085258JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access 2 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

O86
ESE
1/8-1/4
0.158 mi.
832 ft.

CON EDISON
BROOK AVE & 132ND ST
BRONX, NY 10454

RCRA NonGen / NLR
FINDS
ECHO

1018280289
NYP004751616

Site 6 of 17 in cluster O

Relative:
Lower

RCRA NonGen / NLR:

Actual:
19 ft.

Date form received by agency: 02/05/2016
Facility name: CON EDISON
Site name: CON EDISON - MANHOLE 6016
Facility address: BROOK AVE & 132ND ST
BRONX, NY 10454
EPA ID: NYP004751616
Mailing address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact: THERESA BURKARD
Contact address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-2262
Contact email: BURKARDT@CONED.COM
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/16/2015
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/16/2015
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018280289

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D008
. Waste name: LEAD

Historical Generators:

Date form received by agency: 03/16/2015
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 03/16/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D008
Waste name: LEAD
Amount (Lbs): 5000

Violation Status: No violations found

FINDS:

Registry ID: 110067704381

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1018280289
Registry ID: 110067704381
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110067704381>

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

O87
ESE
1/8-1/4
0.158 mi.
832 ft.

CON EDISON
E 132ND ST & BROOK AVE
BRONX, NY 10454

NJ MANIFEST **S120670480**
N/A

Site 7 of 17 in cluster O

Relative:
Lower

NJ MANIFEST:
 EPA Id: NYP004767927
 Mail Address: IRVING PL 15TH FL NE
 Mail City/State/Zip: NEW YORK, NY 10003
 Facility Phone: Not reported
 Emergency Phone: Not reported
 Contact: THOMAS TEELING
 Comments: Not reported
 SIC Code: Not reported
 County: NY005
 Municipal: Not reported
 Previous EPA Id: Not reported
 Gen Flag: Not reported
 Trans Flag: Not reported
 TSDf Flag: Not reported
 Name Change: Not reported
 Date Change: Not reported

Actual:
19 ft.

Manifest:
 Manifest Number: 014085257JJK
 EPA ID: NYP004767927
 Date Shipped: 4/14/2015
 TSDf EPA ID: NJD002200046
 Transporter EPA ID: NJ0000027193
 Transporter 2 EPA ID: Not reported
 Transporter 3 EPA ID: Not reported
 Transporter 4 EPA ID: Not reported
 Transporter 5 EPA ID: Not reported
 Transporter 6 EPA ID: Not reported
 Transporter 7 EPA ID: Not reported
 Transporter 8 EPA ID: Not reported
 Transporter 9 EPA ID: Not reported
 Transporter 10 EPA ID: Not reported
 Date Trans1 Transported Waste: Not reported
 Date Trans2 Transported Waste: Not reported
 Date Trans3 Transported Waste: Not reported
 Date Trans4 Transported Waste: Not reported
 Date Trans5 Transported Waste: Not reported
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120670480

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

O88
ESE
1/8-1/4
0.158 mi.
832 ft.

CON EDISON
E 132ND ST & BROOK AVE
BRONX, NY 10454

NJ MANIFEST **S120670479**
N/A

Site 8 of 17 in cluster O

Relative:
Lower

NJ MANIFEST:
EPA Id: NYP004767919
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Actual:
19 ft.

Manifest:
Manifest Number: 014085256JJK
EPA ID: NYP004767919
Date Shipped: 4/14/2015
TSD EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSD Received Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120670479

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

**O89
ESE
1/8-1/4
0.158 mi.
832 ft.**

**CON EDISON
E 132ND ST & BROOK AVE
BRONX, NY 10454**

**NY MANIFEST S118089195
N/A**

Site 9 of 17 in cluster O

**Relative:
Lower**

NY MANIFEST:
Country: USA
EPA ID: NYP004767927
Facility Status: Not reported
Location Address 1: E 132ND ST & BROOK AVE
Code: BP
Location Address 2: V 2399
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10451
Location Zip 4: Not reported

**Actual:
19 ft.**

NY MANIFEST:
EPAID: NYP004767927
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/14/2015

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S118089195

Trans1 Recv Date: 04/14/2015
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 04/17/2015
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004767927
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSD ID 1: NJD002200046
 TSD ID 2: Not reported
 Manifest Tracking Number: 014085257JJK
 Import Indicator: N
 Export Indicator: N
 Discr Quantity Indicator: N
 Discr Type Indicator: N
 Discr Residue Indicator: N
 Discr Partial Reject Indicator: N
 Discr Full Reject Indicator: N
 Manifest Ref Number: Not reported
 Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H110
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 500
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

O90
ESE
1/8-1/4
0.158 mi.
832 ft.

CON EDISON
E 132ND ST & BROOK AVE
BRONX, NY 10454
Site 10 of 17 in cluster O

NJ MANIFEST S120670481
N/A

Relative:
Lower

NJ MANIFEST:
 EPA Id: NYP004767935
 Mail Address: IRVING PL 15TH FL NE
 Mail City/State/Zip: NEW YORK, NY 10003
 Facility Phone: Not reported
 Emergency Phone: Not reported
 Contact: THOMAS TEELING

Actual:
19 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120670481

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:	014085258JJK
EPA ID:	NYP004767935
Date Shipped:	4/14/2015
TSD EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSD Received Waste:	Not reported
TSD EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O91
ESE
1/8-1/4
0.158 mi.
832 ft.

CON EDISON MANHOLE 6016
BROOK AVE & E 132 ST
BRONX, NY 10453

RCRA NonGen / NLR
NY MANIFEST
1010326104
NYP004139176

Site 11 of 17 in cluster O

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 07/07/2006

Facility name: CON EDISON MANHOLE 6016

Facility address: BROOK AVE & E 132 ST
BRONX, NY 10453

EPA ID: NYP004139176

Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003

Contact: MICHAEL DAUGHTREY

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:
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
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 07/06/2006

Site name: CON EDISON

Classification: Not a generator, verified

Date form received by agency: 07/05/2006

Site name: CON EDISON

Classification: Unverified

Violation Status: No violations found

NY MANIFEST:

Country: USA

EPA ID: NYP004139176

Facility Status: Not reported

Location Address 1: E 132 ST & BROOK AVE MH6016

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 MANHOLE 6016 (Continued)

1010326104

Total Tanks:	Not reported
Location City:	BORNX
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported
NY MANIFEST:	
EPAID:	NYP004139176
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:	NYE1605951
Manifest Status:	Not reported
seq:	01
Year:	2006
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	01/13/2006
Trans1 Recv Date:	01/13/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/17/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004139176
Trans1 EPA ID:	12446JT
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:	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:	00114
Units:	K - Kilograms (2.2 pounds)

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON MANHOLE 6016 (Continued)

1010326104

Number of Containers: 002
 Container Type: DM - Metal drums, barrels
 Handling Method: L Landfill.
 Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**O92
 ESE
 1/8-1/4
 0.158 mi.
 832 ft.**

**CON EDISON
 BROOK AVE & 132ND ST
 BRONX, NY 10454
 Site 12 of 17 in cluster O**

**NY MANIFEST S117741906
 N/A**

**Relative:
 Lower**

NY MANIFEST:
 Country: USA
 EPA ID: NYP004751616
 Facility Status: Not reported
 Location Address 1: BROOK AVE & 132ND ST
 Code: BP
 Location Address 2: Not reported
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

**Actual:
 19 ft.**

NY MANIFEST:
 EPAID: NYP004751616
 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: 03/16/2015
 Trans1 Recv Date: 03/16/2015
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 03/16/2015
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004751616
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSDF ID 1: NJD002200046

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S117741906

TSDF ID 2: Not reported
 Manifest Tracking Number: 014091218JJK
 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

[Click this hyperlink](#) while viewing on your computer to access
 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

O93
ESE
1/8-1/4
0.158 mi.
832 ft.

CON EDISON
E 132ND ST & BROOK ST
BRONX, NY 10451

NY MANIFEST S118089197
N/A

Site 13 of 17 in cluster O

Relative:
Lower

NY MANIFEST:
 Country: USA
 EPA ID: NYP004767943
 Facility Status: Not reported
 Location Address 1: E 132ND ST & BROOK ST
 Code: BP
 Location Address 2: V 2880
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10451
 Location Zip 4: Not reported

Actual:
19 ft.

NY MANIFEST:
 EPAID: NYP004767943
 Mailing Name: CON EDISON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118089197

Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/14/2015
Trans1 Recv Date: 04/14/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/17/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004767943
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014088453JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S118089197

Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

**O94
ESE
1/8-1/4
0.158 mi.
832 ft.**

**CON EDISON
BROOK AVE & 132ND ST
BRONX, NY 10454**

**NJ MANIFEST S120669041
N/A**

Site 14 of 17 in cluster O

**Relative:
Lower**

NJ MANIFEST:

EPA Id: NYP004751616
Mail Address: IRVING PLACE, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THERESA BURKARD
Comments: Not reported
SIC Code: Not reported
County: 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

**Actual:
19 ft.**

Manifest:

Manifest Number: 014091218JJK
EPA ID: NYP004751616
Date Shipped: 3/16/2015
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120669041

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

O95
ESE
1/8-1/4
0.158 mi.
832 ft.

CON EDISON
E 132ND ST & BROOK AVE
BRONX, NY 10454
Site 15 of 17 in cluster O

RCRA NonGen / NLR **1019901958**
NYP004767927

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 04/14/2015
Facility name: CON EDISON
Facility address: E 132ND ST & BROOK AVE
VAULT2399
BRONX, NY 10454
EPA ID: NYP004767927
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
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

1019901958

Historical Generators:

Date form received by agency: 04/14/2015
 Site name: CON EDISON
 Classification: Large Quantity Generator

Violation Status: No violations found

R96
NNW
1/8-1/4
0.160 mi.
844 ft.

CON EDISON
61 BRUCKNER BLVD
BRONX, NY 10454
Site 1 of 5 in cluster R

NJ MANIFEST S120670251
N/A

Relative:
Lower

NJ MANIFEST:
 EPA Id: NYP004765350
 Mail Address: IRVING PL 15TH FL NE
 Mail City/State/Zip: NEW YORK, NY 10003
 Facility Phone: Not reported
 Emergency Phone: Not reported
 Contact: THOMAS TEELING
 Comments: Not reported
 SIC Code: Not reported
 County: NY005
 Municipal: Not reported
 Previous EPA Id: Not reported
 Gen Flag: Not reported
 Trans Flag: Not reported
 TSDf Flag: Not reported
 Name Change: Not reported
 Date Change: Not reported

Actual:
22 ft.

Manifest:

Manifest Number: 014088450JJK
 EPA ID: NYP004765350
 Date Shipped: 4/9/2015
 TSDf EPA ID: NJD002200046
 Transporter EPA ID: NJ0000027193
 Transporter 2 EPA ID: Not reported
 Transporter 3 EPA ID: Not reported
 Transporter 4 EPA ID: Not reported
 Transporter 5 EPA ID: Not reported
 Transporter 6 EPA ID: Not reported
 Transporter 7 EPA ID: Not reported
 Transporter 8 EPA ID: Not reported
 Transporter 9 EPA ID: Not reported
 Transporter 10 EPA ID: Not reported
 Date Trans1 Transported Waste: Not reported
 Date Trans2 Transported Waste: Not reported
 Date Trans3 Transported Waste: Not reported
 Date Trans4 Transported Waste: Not reported
 Date Trans5 Transported Waste: Not reported
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120670251

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

**R97
NNW
1/8-1/4
0.160 mi.
844 ft.**

**CON EDISON
61 BRUCKNER BLVD
BRONX, NY 10454
Site 2 of 5 in cluster R**

**RCRA NonGen / NLR 1019901729
NYP004765350**

**Relative:
Lower**

RCRA NonGen / NLR:

**Actual:
22 ft.**

Date form received by agency: 04/09/2015
Facility name: CON EDISON
Facility address: 61 BRUCKNER BLVD
BRONX, NY 10454
EPA ID: NYP004765350
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019901729

Historical Generators:
Date form received by agency: 04/09/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

R98
NNW
1/8-1/4
0.160 mi.
844 ft.

CON EDISON
61 BRUCKNER BLVD
BRONX, NY 10454

Site 3 of 5 in cluster R

NY MANIFEST **S118088947**
N/A

Relative:
Lower

NY MANIFEST:
Country: USA
EPA ID: NYP004765350
Facility Status: Not reported
Location Address 1: 61 BRUCKNER BLVD
Code: BP
Location Address 2: SB 21927
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
22 ft.

NY MANIFEST:
EPAID: NYP004765350
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 04/09/2015
Trans1 Recv Date: 04/09/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/20/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004765350
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014088450JJK

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S118088947

Import Indicator: N
 Export Indicator: N
 Discr Quantity Indicator: N
 Discr Type Indicator: N
 Discr Residue Indicator: N
 Discr Partial Reject Indicator: N
 Discr Full Reject Indicator: N
 Manifest Ref Number: Not reported
 Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H110
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 500
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

R99
NNW
1/8-1/4
0.160 mi.
844 ft.

CON EDISON
61 BRUCKNER BLVD
BRONX, NY 10454
Site 4 of 5 in cluster R

NY MANIFEST **S117066819**
N/A

Relative:
Lower

NY MANIFEST:
 Country: USA
 EPA ID: NYP004612677
 Facility Status: Not reported
 Location Address 1: 61 BRUCKNER BLVD
 Code: BP
 Location Address 2: SB 21921
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

Actual:
22 ft.

NY MANIFEST:
 EPAID: NYP004612677
 Mailing Name: CON EDISON
 Mailing Contact: TOM TEELING
 Mailing Address 1: 4 IRVING PLACE 15TH FLOOR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117066819

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: 07/30/2014
Trans1 Recv Date: 07/30/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 08/04/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004612677
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002562332GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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)

S117066819

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Country: USA
EPA ID: NYP004595195
Facility Status: Not reported
Location Address 1: 61 BRUCKNER BLVD
Code: BP
Location Address 2: SB 21921
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004595195
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 07/14/2014
Trans1 Recv Date: 07/14/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/15/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004595195
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 013256335JJK
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

CON EDISON (Continued)

S117066819

Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

O100
ESE
1/8-1/4
0.161 mi.
852 ft.

USPS - BRONX VMF & ADMIN OFFICE
500 E 132ND ST
BRONX, NY 10454

RCRA NonGen / NLR **1004756119**
FINDS **NY2180010454**
NY MANIFEST

Site 16 of 17 in cluster O

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 10/10/2007
Facility name: USPS - BRONX VMF & ADMIN OFFICE
Facility address: 500 E 132ND ST
BRONX, NY 10454-9703
EPA ID: NY2180010454
Mailing address: E 132ND ST
BRONX, NY 10454-9703
Contact: ANTONIO VALENTIN JR
Contact address: E 132ND ST
BRONX, NY 10454-9703
Contact country: US
Contact telephone: 718-742-9876
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
19 ft.

Owner/Operator Summary:

Owner/operator name: US POSTAL SERVICE
Owner/operator address: E 132ND ST
BRONX, NY 10454
Owner/operator country: Not reported
Owner/operator telephone: 718-742-9876
Owner/operator email: Not reported
Owner/operator fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX VMF & ADMIN OFFICE (Continued)

1004756119

Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 12/31/1979
Owner/Op end date: Not reported

Owner/operator name: US POSTAL SERVICE
Owner/operator address: E 132ND ST
BRONX, NY 10454

Owner/operator country: Not reported
Owner/operator telephone: 718-742-9876
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 12/31/1979
Owner/Op end date: Not reported

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: 10/09/2007
Site name: USPS - BRONX VMF & ADMIN OFFICE
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Site name: USPS - BRONX VMF & ADMIN OFFICE
Classification: Not a generator, verified

Date form received by agency: 07/30/2003
Site name: USPS - BRONX VMF & ADMIN OFFICE
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Date form received by agency: 06/29/2000
Site name: US POSTAL SERVICE - BRONX VEHICLE MAINT
Classification: Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

USPS - BRONX VMF & ADMIN OFFICE (Continued)

1004756119

- . Waste code: D001
- . Waste name: IGNITABLE WASTE

- . Waste code: D002
- . Waste name: CORROSIVE WASTE

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D018
- . Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110004325427

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

NY MANIFEST:

Country: USA
EPA ID: NY2180010454
Facility Status: Not reported
Location Address 1: 500 & 501 E 132ND ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: 9993

NY MANIFEST:

EPAID: NY2180010454
Mailing Name: USPS - BRONX VMF & ADMIN OFFICE
Mailing Contact: DAVID CONOVER
Mailing Address 1: 500 & 501 E 132ND ST
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10454
Mailing Zip 4: 9993
Mailing Country: USA
Mailing Phone: 7187428650

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O101
ESE
1/8-1/4
0.161 mi.
852 ft.

BRONX EAST SIDE PARCEL POST ANNEX
500 EAST 132ND STREET
BRONX, NY 10454
Site 17 of 17 in cluster O

NY UST
NY AST
NY Spills
U000410883
N/A

Relative:
Lower

UST:
Id/Status: 2-476048 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590872.18383
UTM Y: 4517576.64652
Site Type: Other

Actual:
19 ft.

Affiliation Records:
Site Id: 21057
Affiliation Type: Facility Owner
Company Name: UNITED STATES POSTAL SERVICE
Contact Type: Not reported
Contact Name: Not reported
Address1: 558 GRAND CONCOURSE, RM. 318
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451-9998
Country Code: 001
Phone: (212) 330-3107
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21057
Affiliation Type: Mail Contact
Company Name: UNITED STATES POSTAL SERVICE
Contact Type: Not reported
Contact Name: NICHOLAS DECARLO
Address1: JAMES A FARLEY BUILDING
Address2: 421 EIGHTH AVENUE, ROOM 5013
City: NEW YORK
State: NY
Zip Code: 10199-9800
Country Code: 001
Phone: (212) 330-3107
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21057
Affiliation Type: Facility Operator
Company Name: BRONX EAST SIDE PARCEL POST ANNEX
Contact Type: Not reported
Contact Name: MARLON WILLIAMS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX EAST SIDE PARCEL POST ANNEX (Continued)

U000410883

Zip Code: Not reported
Country Code: 001
Phone: (718) 402-7443
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21057
Affiliation Type: Emergency Contact
Company Name: UNITED STATES POSTAL SERVICE
Contact Type: Not reported
Contact Name: NICHOLAS DECRLO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 370-1648
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 37911
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 10000
Install Date: 12/01/1968
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: 09
Date Test: 08/01/1989
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX EAST SIDE PARCEL POST ANNEX (Continued)

U000410883

AST:

Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-476048
Program Type: PBS
UTM X: 590872.18383
UTM Y: 4517576.64652
Expiration Date: N/A
Site Type: Other

Affiliation Records:

Site Id: 21057
Affiliation Type: Facility Owner
Company Name: UNITED STATES POSTAL SERVICE
Contact Type: Not reported
Contact Name: Not reported
Address1: 558 GRAND CONCOURSE, RM. 318
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10451-9998
Country Code: 001
Phone: (212) 330-3107
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21057
Affiliation Type: Mail Contact
Company Name: UNITED STATES POSTAL SERVICE
Contact Type: Not reported
Contact Name: NICHOLAS DECARLO
Address1: JAMES A FARLEY BUILDING
Address2: 421 EIGHTH AVENUE, ROOM 5013
City: NEW YORK
State: NY
Zip Code: 10199-9800
Country Code: 001
Phone: (212) 330-3107
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21057
Affiliation Type: Facility Operator
Company Name: BRONX EAST SIDE PARCEL POST ANNEX
Contact Type: Not reported
Contact Name: MARLON WILLIAMS
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 EAST SIDE PARCEL POST ANNEX (Continued)

U000410883

Phone: (718) 402-7443
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 21057
Affiliation Type: Emergency Contact
Company Name: UNITED STATES POSTAL SERVICE
Contact Type: Not reported
Contact Name: NICHOLAS DECRLO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 370-1648
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 002
Tank Id: 37912
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
Tank Location: 6
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 12/01/1968
Capacity Gallons: 15000
Tightness Test Method: 09
Date Test: 09/01/1989
Next Test Date: Not reported
Date Tank Closed: 04/12/2003
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX EAST SIDE PARCEL POST ANNEX (Continued)

U000410883

SPILLS:

Facility ID: 0302987
Facility Type: ER
DER Facility ID: 21015
Site ID: 294156
DEC Region: 2
Spill Date: 2003-06-20
Spill Number/Closed Date: 0302987 / 2006-09-14
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: rmpiper
Referred To: Not reported
Reported to Dept: 2003-06-20
CID: 322
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: 2003-06-20
Spill Record Last Update: 2006-09-14
Spiller Name: NICK DECARLO
Spiller Company: Not reported
Spiller Address: 500 E. 132ND ST
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: NICK DECARLO
Contact Phone: (212) 330-3121
DEC Memo: "Sent Contaminated Soil Letter 6/30/03 TJD Demeo spoke with Sean McGonigal of Lois Berger Associates regarding site. Sean states a closure report is in the mail which describes the activities at site to date. Reported is a minor Naphthalene exceedance and some PAH exceedances which Louis Berger is attributing to historical fill in the area. 11/17/03 SPOKE WITH SEAN, WORK IS PROCEEDING/ REPORT SCHEDULED TO ARRIVE LATE DECEMBER. Closure report reviewed, investigation incomplete. Letter sent to USPS requiring additional investigation and RAP. 7/14/04 tipple updating// very low level exceedances below 18 of epoxy or similar coating sealed warehouse space///Report to follow 9/20/04 TJD The Louis Berger Group submitted a Site investigation report, dated August 4th. Several data discrepancies were identified during report review and the project manager was contacted and directed to revise the report and resubmit. Specific problems include an inaccurate summary table that does not accurately reflect TAGM exceedances, and field observations/instrument measurements do not coincide with laboratory analysis. 1/25/04 TJD Revised subsurface report submitted by the Louis Berger Group. Addition soil/groundwater sampling was performed, revealing low level TAGM exceedances for both soils and groundwater. Due to site constraints USPS and its consultant have repeatedly requested to leave contamination in place with a concrete cap, with no planned remedial action until the facility either undergoes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX EAST SIDE PARCEL POST ANNEX (Continued)

U000410883

demolition or a major reconstruction. As a precautionary measure the USPS has proposed a deed restriction for the property, which requires a Health & Safety plan and remedial work plan prior to disturbing any subsurface soils. Due to access constraints and nature and extent of the contamination identified through sampling the deed restriction would be acceptable to protect public health. USPS and The Berger Group sent letter notifying them of NYSDEC approval regarding the requested deed restriction. Spill to remain open until copy of deed restriction has been received. **SITE DOES NOT MEET STANDARDS** All of the contamination is beneath the building - an active postal facility. Following a discussion with RSE (Austin) and Phil Lodico (Central Office - Legal) it has been determined that a deed restriction is not currently a viable option as DEC does not have the mechanisms in place to implement this proposed institutional control. As such USPS was notified via letter that the TAGM exceedances identified through sampling warrant remediation and a remedial work plan is required. (MacCabe) 04/17/06 This site requires active NYSDEC management. The consultant, the Louios Berger Group (610-363-5391) has been conducting site investigation activities. The file has been returned to Region 2. (MacCabe) 9/12/06 - Austin - Spill transferred back down to Region 2 - received remedial investigation report, dated August, 2006, from Louis Berger Group. Spill reassigned to Piper for review of this document - end 9/14/06- DEC Piper reviewed Investigation Reprot. As per report initial tank closure revealed slight exceedance in soil and gw. GW cont was 1.2 ppb of Pyrene. Additional investigation included 18 soil borings were performed as well as 7 temporary well points. OF the 18 borings, 2 borings had slight VOC exceedances and SVOC were attributed to urban Fill. GW samples did not reveal dissolved phase contaminants above TAGM. MW were gauged for three months and recorded no floating product. Based on the data provided. NFA is granted at this time."

Remarks:

"bronx -eastside parcel post annex - soil samples taken and they indicated contamination - naphthalene was elevated pbs # 2-476048"

Material:

Site ID: 294156
Operable Unit ID: 870723
Operable Unit: 01
Material ID: 507431
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

N102
East
1/8-1/4
0.165 mi.
871 ft.

INTREPID MAINTENANCE CORP
119 BRUCKNER BLVD
BRONX, NY 10454

RCRA NonGen / NLR **1001090487**
NYU005000484

Site 4 of 10 in cluster N

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007

Facility name: INTREPID MAINTENANCE CORP

Facility address: 119 BRUCKNER BLVD
BRONX, NY 10454

EPA ID: NYU005000484

Mailing address: JERICO TNPK
JERICO, NY 11753

Contact: VICTOR SILVESTRE

Contact address: JERICO TNPK
JERICO, NY 11753

Contact country: US

Contact telephone: 718-402-3908

Contact email: Not reported

EPA Region: 02

Land type: Facility is not located on Indian land. Additional information is not known.

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BILL WOLF PETROLEUM CORP

Owner/operator address: 55 JERICO TNPK
JERICO, NY 11753

Owner/operator country: US

Owner/operator telephone: 516-997-9300

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: INTREPID MAINTENANCE CORP

Owner/operator address: 55 JERICO TNPK
JERICO, NY 11753

Owner/operator country: US

Owner/operator telephone: 516-997-9300

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: BILL WOLF PETROLEUM CORP

Owner/operator address: 55 JERICO TNPK
JERICO, NY 11753

Owner/operator country: US

Owner/operator telephone: 516-997-9300

Owner/operator email: Not reported

Owner/operator fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

INTREPID MAINTENANCE CORP (Continued)

1001090487

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Site name: INTREPID MAINTENANCE CORP
Classification: Not a generator, verified

Date form received by agency: 03/11/1996
Site name: INTREPID MAINTENANCE CORP
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

**N103
East
1/8-1/4
0.165 mi.
871 ft.**

**BRUCKNER BROOK GASOLINE CORP
119 BRUCKNER BLVD
BRONX, NY 10473
Site 5 of 10 in cluster N**

**RCRA-CESQG 1007371418
FINDS NYR000124909
ECHO
NY MANIFEST**

**Relative:
Lower**

RCRA-CESQG:
Date form received by agency: 01/01/2007
Facility name: BRUCKNER BROOK GASOLINE CORP
Facility address: 119 BRUCKNER BLVD
BRONX, NY 10473
EPA ID: NYR000124909
Mailing address: JERICHO TNP

**Actual:
18 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRUCKNER BROOK GASOLINE CORP (Continued)

1007371418

JERICHO, NY 11757
Contact: ADAM WOLF
Contact address: JERICHO TNPK
JERICHO, NY 11757
Contact country: US
Contact telephone: 516-997-9300
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: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/25/2004
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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/25/2004
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRUCKNER BROOK GASOLINE CORP (Continued)

1007371418

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: BRUCKNER BROOK GASOLINE CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 05/27/2004
Site name: BRUCKNER BROOK GASOLINE CORP
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110004568469

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1007371418
Registry ID: 110004568469
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004568469>

NY MANIFEST:

Country: USA
EPA ID: NYR000124909
Facility Status: Not reported
Location Address 1: 119 BRUCKNER BLVD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRUCKNER BROOK GASOLINE CORP (Continued)

1007371418

Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000124909
Mailing Name: AMOCO BRUCKNER BROOK GAS INC
Mailing Contact: AMOCO BRUCKNER BROOK GAS INC
Mailing Address 1: 119 BRUCKNER BLVD
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10454
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 5169979300

NY MANIFEST:

Document ID: NYH0531666
Manifest Status: Not reported
seq: Not reported
Year: 2005
Trans1 State ID: NYD082785429
Trans2 State ID: Not reported
Generator Ship Date: 07/18/2005
Trans1 Recv Date: 07/18/2005
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/18/2005
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000124909
Trans1 EPA ID: 12210PA
Trans2 EPA ID: Not reported
TSDF ID 1: NYD082785429
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: 01300
Units: P - Pounds
Number of Containers: 006
Container Type: DM - Metal drums, barrels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRUCKNER BROOK GASOLINE CORP (Continued)

1007371418

Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

N104
East
1/8-1/4
0.165 mi.
871 ft.

CON EDISON
119 BRUCKNER BLVD
BRONX, NY 10454

RCRA NonGen / NLR
FINDS
ECHO

1019905380
NYP004809012

Site 6 of 10 in cluster N

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 07/17/2015

Facility name: CON EDISON

Facility address: 119 BRUCKNER BLVD
BRONX, NY 10454

EPA ID: NYP004809012

Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Not reported

Contact country: Not reported

Contact telephone: 212-460-3770

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Used oil transporter: No

Historical Generators:

Date form received by agency: 07/17/2015

Site name: CON EDISON

Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

1019905380

Registry ID: 110069678691

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019905380
 Registry ID: 110069678691
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069678691>

N105
East
1/8-1/4
0.165 mi.
871 ft.

SHELL SERVICE STATION
119 BRUCKNER BOULEVARD
BRONX, NY 10454
Site 7 of 10 in cluster N

NY UST **U000408093**
N/A

Relative:
Lower

UST:

Id/Status: 2-156523 / Unregulated/Closed
 Program Type: PBS
 Region: STATE
 DEC Region: 2
 Expiration Date: N/A
 UTM X: 590978.03394
 UTM Y: 4517613.19859
 Site Type: Unknown

Actual:
18 ft.

Affiliation Records:

Site Id: 5133
 Affiliation Type: Facility Owner
 Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
 Contact Type: Not reported
 Contact Name: Not reported
 Address1: 3225 GALLOWS 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: 5133
 Affiliation Type: Mail Contact
 Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
 Contact Type: Not reported
 Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

Address1: 3225 GALLOWS 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: 5133
Affiliation Type: Facility Operator
Company Name: MOBIL S/S 17-634 BRUCKNER S/S
Contact Type: Not reported
Contact Name: J SOTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 590-7559
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 5133
Affiliation Type: Emergency Contact
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type: Not reported
Contact Name: J SOTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 590-7559
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 39552
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1986
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

SHELL SERVICE STATION (Continued)

U000408093

Tank Type: Fiberglass coated steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 12/10/2013
Next Test Date: Not reported
Pipe Model: D
Modified By: LXZIELIN
Last Modified: 04/14/2017

Equipment Records:

- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- B04 - Tank External Protection - Fiberglass
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- I02 - Overfill - High Level Alarm
- K01 - Spill Prevention - Catch Basin
- E04 - Piping Secondary Containment - Double walled UG
- F00 - Pipe External Protection - None
- J01 - Dispenser - Pressurized Dispenser
- C02 - Pipe Location - Underground/On-ground
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 001
Tank ID: 29275
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 12/01/1978
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

- H00 - Tank Leak Detection - None
- I00 - Overfill - None
- B00 - Tank External Protection - None
- C00 - Pipe Location - No Piping
- D02 - Pipe Type - Galvanized Steel
- F00 - Pipe External Protection - None
- G00 - Tank Secondary Containment - None
- J02 - Dispenser - Suction Dispenser
- A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

Tank Number: 002
Tank ID: 29276
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 39553
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1986
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 12/10/2013
Next Test Date: Not reported
Pipe Model: D
Modified By: LXZIELIN
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

- K01 - Spill Prevention - Catch Basin
- E04 - Piping Secondary Containment - Double walled UG
- F00 - Pipe External Protection - None
- J01 - Dispenser - Pressurized Dispenser
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 003
Tank ID: 39554
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1973
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 12/10/2013
Next Test Date: Not reported
Pipe Model: D
Modified By: LXZIELIN
Last Modified: 04/14/2017

Equipment Records:

- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- B08 - Tank External Protection - Retrofitted Impressed Current
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- I02 - Overfill - High Level Alarm
- K01 - Spill Prevention - Catch Basin
- B02 - Tank External Protection - Original Sacrificial Anode
- E04 - Piping Secondary Containment - Double walled UG
- F00 - Pipe External Protection - None
- J01 - Dispenser - Pressurized Dispenser
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 003
Tank ID: 29277
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
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

SHELL SERVICE STATION (Continued)

U000408093

Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 39555
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1973
Date Tank Closed: 12/18/2003
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: 09
Date Test: 04/01/1998
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle

Tank Number: 004
Tank ID: 29278
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: 005
Tank ID: 39556
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1973
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: LXZIELIN
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

Tank Number: 005
Tank ID: 29279
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 006
Tank ID: 29280
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 007
Tank ID: 29281
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 008
Tank ID: 29282
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 009
Tank ID: 29283
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 010
Tank ID: 29284
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
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

SHELL SERVICE STATION (Continued)

U000408093

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 011
Tank ID: 29285
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Affiliation Records:

Site Id: 21734
Affiliation Type: Mail Contact
Company Name: BRUCKNER BROOK GASOLINE CORP.
Contact Type: Not reported
Contact Name: CARY WOLF
Address1: 100 JERICHO QUADRANGLE
Address2: SUITE 209

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

City: JERICO
State: NY
Zip Code: 11753
Country Code: 001
Phone: (516) 997-9300
EMail: CWOLF@BWPETROLEUM.COM
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-05-02

Site Id: 21734
Affiliation Type: Emergency Contact
Company Name: BRUCKNER BROOK GASOLINE 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: 2009-10-08

Site Id: 21734
Affiliation Type: Facility Operator
Company Name: SHELL SERVICE STATION
Contact Type: Not reported
Contact Name: ANASS ELKOHEN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-7917
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2016-12-14

Site Id: 21734
Affiliation Type: Facility Owner
Company Name: BRUCKNER BROOK GASOLINE CORPORATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 100 JERICO QUADRANGLE SUITE 209
Address2: Not reported
City: JERICO
State: NY
Zip Code: 11753
Country Code: 001
Phone: (516) 997-9300
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-05-02

Tank Info:

Tank Number: 001
Tank ID: 39552
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1986
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 12/10/2013
Next Test Date: Not reported
Pipe Model: D
Modified By: LXZIELIN
Last Modified: 04/14/2017

Equipment Records:

- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- B04 - Tank External Protection - Fiberglass
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- I02 - Overfill - High Level Alarm
- K01 - Spill Prevention - Catch Basin
- E04 - Piping Secondary Containment - Double walled UG
- F00 - Pipe External Protection - None
- J01 - Dispenser - Pressurized Dispenser
- C02 - Pipe Location - Underground/On-ground
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- A03 - Tank Internal Protection - Fiberglass Liner (FRP)
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 001
Tank ID: 29275
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 12/01/1978
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None

Tank Number: 002
Tank ID: 29276
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 39553
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1986
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

SHELL SERVICE STATION (Continued)

U000408093

Tank Type: Fiberglass coated steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 12/10/2013
Next Test Date: Not reported
Pipe Model: D
Modified By: LXZIELIN
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
E04 - Piping Secondary Containment - Double walled UG
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 003
Tank ID: 39554
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 12/01/1973
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: 21
Date Test: 12/10/2013
Next Test Date: Not reported
Pipe Model: D
Modified By: LXZIELIN
Last Modified: 04/14/2017

Equipment Records:

A03 - Tank Internal Protection - Fiberglass Liner (FRP)
B08 - Tank External Protection - Retrofitted Impressed Current
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B02 - Tank External Protection - Original Sacrificial Anode
E04 - Piping Secondary Containment - Double walled UG
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 003
Tank ID: 29277
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 004
Tank ID: 39555
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1973
Date Tank Closed: 12/18/2003
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: 09
Date Test: 04/01/1998
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/14/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I05 - Overfill - Vent Whistle

Tank Number: 004
Tank ID: 29278
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: 005
Tank ID: 39556
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1973
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: LXZIELIN
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle

Tank Number: 005
Tank ID: 29279
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 006
Tank ID: 29280
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 007
Tank ID: 29281
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

Tank ID: 29282
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 009
Tank ID: 29283
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 010
Tank ID: 29284
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 011
Tank ID: 29285
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1961
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U000408093

- A00 - Tank Internal Protection - None
- B00 - Tank External Protection - None
- C00 - Pipe Location - No Piping
- D02 - Pipe Type - Galvanized Steel
- F00 - Pipe External Protection - None
- H00 - Tank Leak Detection - None
- I00 - Overfill - None
- G00 - Tank Secondary Containment - None
- J02 - Dispenser - Suction Dispenser

N106
East
1/8-1/4
0.165 mi.
871 ft.

SHELL SERVICE STATION
119 BRUCKNER BOULEVARD
BRONX, NY 10454
Site 8 of 10 in cluster N

NY AST **U003697775**
N/A

Relative:
Lower

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-509043
Program Type: PBS
UTM X: 590957.68594
UTM Y: 4517636.15325
Expiration Date: 01/24/2021
Site Type: Retail Gasoline Sales

Actual:
18 ft.

Affiliation Records:
Site Id: 21734
Affiliation Type: Mail Contact
Company Name: BRUCKNER BROOK GASOLINE CORP.
Contact Type: Not reported
Contact Name: CARY WOLF
Address1: 100 JERICHO QUADRANGLE
Address2: SUITE 209
City: JERICHO
State: NY
Zip Code: 11753
Country Code: 001
Phone: (516) 997-9300
EMail: CWOLF@BWPETROLEUM.COM
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2016-05-02

Site Id: 21734
Affiliation Type: Emergency Contact
Company Name: BRUCKNER BROOK GASOLINE 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U003697775

Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2009-10-08

Site Id: 21734
Affiliation Type: Facility Operator
Company Name: SHELL SERVICE STATION
Contact Type: Not reported
Contact Name: ANASS ELKOHEN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-7917
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2016-12-14

Site Id: 21734
Affiliation Type: Facility Owner
Company Name: BRUCKNER BROOK GASOLINE CORPORATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 100 JERICHO QUADRANGLE SUITE 209
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: MXLAY
Date Last Modified: 2016-05-02

Tank Info:

Tank Number: 004A
Tank Id: 59186
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL SERVICE STATION (Continued)

U003697775

L09 - Piping Leak Detection - Exempt Suction Piping
I05 - Overfill - Vent Whistle
Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: F
Install Date: 04/09/2005
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NTFREEMA
Last Modified: 04/14/2017
Material Name: Not reported

N107
East
1/8-1/4
0.165 mi.
871 ft.

CON EDISON
119 BRUCKNER BLVD
BRONX, NY 10454
Site 9 of 10 in cluster N

NJ MANIFEST S120674093
N/A

Relative:
Lower

NJ MANIFEST:
EPA Id: NYP004809012
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDf Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Actual:
18 ft.

Manifest:
Manifest Number: 002661207GBF
EPA ID: NYP004809012
Date Shipped: 7/17/2015
TSDf EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S120674093

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
 Was Load Rejected: NEW YORK, NY 10003
 Reason Load Was Rejected: Not reported

N108
East
1/8-1/4
0.165 mi.
871 ft.

CON EDISON MANHOLE 21948
119 BRUCKNER BLVD
BRONX, NY 10454
Site 10 of 10 in cluster N

RCRA NonGen / NLR 1014926432
NY MANIFEST NYP004241899

Relative:
Lower

RCRA NonGen / NLR:
 Date form received by agency: 10/14/2011
 Facility name: CON EDISON MANHOLE 21948
 Facility address: 119 BRUCKNER BLVD
 BRONX, NY 10454
 EPA ID: NYP004241899
 Mailing address: 4 IRVING PL, RM 828
 NEW YORK, NY 10003
 Contact: GINO FRABASILE
 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

Actual:
18 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 21948 (Continued)

1014926432

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: 09/14/2011
Site name: CON EDISON MANHOLE 21948
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004241899
Facility Status: Not reported
Location Address 1: BRUCKNER BLVD
Code: BP
Location Address 2: BROOK AVE
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004241899
Mailing Name: CONED - MH21948
Mailing Contact: CONED - MH21948
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FLOOR
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
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: 2011
Trans1 State ID: MAD039322250
Trans2 State ID: Not reported
Generator Ship Date: 09/15/2011
Trans1 Recv Date: 09/15/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/16/2011
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

CON EDISON MANHOLE 21948 (Continued)

1014926432

Generator EPA ID: NYP004241899
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDf ID 1: NJD991291105
TSDf ID 2: Not reported
Manifest Tracking Number: 003949378FLE
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: 700.0
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

109
NW
1/8-1/4
0.169 mi.
894 ft.

MILL WIPING RAGS CORPORATION
40 BRUCKNER BLVD
BRONX, NY 10454

NY AST U003386685
N/A

Relative:
Lower

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-416053
Program Type: PBS
UTM X: 590477.12800
UTM Y: 4517841.07441
Expiration Date: N/A
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILL WIPING RAGS CORPORATION (Continued)

U003386685

Site Id: 19718
Affiliation Type: Facility Owner
Company Name: D. BENEDETTO
Contact Type: Not reported
Contact Name: Not reported
Address1: 280 MADISON AVENUE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10017
Country Code: 001
Phone: (212) 532-9191
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19718
Affiliation Type: Mail Contact
Company Name: D. BENEDETTO
Contact Type: Not reported
Contact Name: SAL BENEDETTO
Address1: 280 MADISON AVENUE
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10017
Country Code: 001
Phone: (212) 532-9191
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19718
Affiliation Type: Facility Operator
Company Name: MILL WIPING RAGS CORPORATION
Contact Type: Not reported
Contact Name: D. BENEDETTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 532-9191
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 19718
Affiliation Type: Emergency Contact
Company Name: D. BENEDETTO
Contact Type: Not reported
Contact Name: D. BENEDETTO
Address1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILL WIPING RAGS CORPORATION (Continued)

U003386685

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 532-9191
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 10449
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
Tank Location: 3
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: Not reported
Register: True
Modified By: TRANSLAT
Last Modified: 04/14/2017
Material Name: Not reported

S110
East
1/8-1/4
0.170 mi.
896 ft.

CON EDISON MANHOLE 1391
BRUCKNER BLVD & BROOK AVE
BRONX, NY 10454

RCRA NonGen / NLR **1010326220**
NYP004140059

Site 1 of 6 in cluster S

Relative:
Lower

RCRA NonGen / NLR:
Date form received by agency: 07/07/2006

Actual:
18 ft.

Facility name: CON EDISON MANHOLE 1391
Facility address: BRUCKNER BLVD & BROOK AVE
BRONX, NY 10454
EPA ID: NYP004140059
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 1391 (Continued)

1010326220

Contact: MICHAEL DAUGHTREY
Contact address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-580-8383
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 07/06/2006
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 07/05/2006
Site name: CON EDISON
Classification: Unverified

Violation Status: No violations found

S111
East
1/8-1/4
0.170 mi.
896 ft.

CON EDISON
BRUCKNER BLVD & BROOK AVE
BRONX, NY 10454

NJ MANIFEST **S120669052**
N/A

Site 2 of 6 in cluster S

Relative:
Lower

NJ MANIFEST:
EPA Id: NYP004751731
Mail Address: IRVING PLACE, 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THERESA BURKARD
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported

Actual:
18 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S120669052

TSD Flag: Not reported
 Name Change: Not reported
 Date Change: Not reported

Manifest:

Manifest Number: 014091220JJK
 EPA ID: NYP004751731
 Date Shipped: 3/16/2015
 TSD EPA ID: NJD002200046
 Transporter EPA ID: NJ0000027193
 Transporter 2 EPA ID: Not reported
 Transporter 3 EPA ID: Not reported
 Transporter 4 EPA ID: Not reported
 Transporter 5 EPA ID: Not reported
 Transporter 6 EPA ID: Not reported
 Transporter 7 EPA ID: Not reported
 Transporter 8 EPA ID: Not reported
 Transporter 9 EPA ID: Not reported
 Transporter 10 EPA ID: Not reported
 Date Trans1 Transported Waste: Not reported
 Date Trans2 Transported Waste: Not reported
 Date Trans3 Transported Waste: Not reported
 Date Trans4 Transported Waste: Not reported
 Date Trans5 Transported Waste: Not reported
 Date Trans6 Transported Waste: Not reported
 Date Trans7 Transported Waste: Not reported
 Date Trans8 Transported Waste: Not reported
 Date Trans9 Transported Waste: Not reported
 Date Trans10 Transported Waste: Not reported
 Date TSD Received Waste: Not reported
 TSD EPA Facility Name: Not reported
 QTY Units: Not reported
 Transporter SEQ ID: Not reported
 Transporter-1 Date: Not reported
 Waste SEQ ID: Not reported
 Waste Type Code 2: Not reported
 Waste Type Code 3: Not reported
 Waste Type Code 4: Not reported
 Waste Type Code 5: Not reported
 Waste Type Code 6: Not reported
 Date Accepted: Not reported
 Manifest Discrepancy Type: Not reported
 Data Entry Number: Not reported
 Was Load Rejected: NEW YORK, NY 10003
 Reason Load Was Rejected: Not reported

S112
 East
 1/8-1/4
 0.170 mi.
 896 ft.

CON EDISON
BRUCKNER BLVD & BROOK AVE
BRONX, NY 10454
 Site 3 of 6 in cluster S

NY MANIFEST S117741918
 N/A

Relative:
Lower
Actual:
 18 ft.

NY MANIFEST:
 Country: USA
 EPA ID: NYP004751731
 Facility Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117741918

Location Address 1: BRUCKNER BLVD & BROOK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004751731
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: 03/16/2015
Trans1 Recv Date: 03/16/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/16/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004751731
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014091220JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117741918

Waste Code: Not reported
Quantity: 4000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

S113
East
1/8-1/4
0.170 mi.
896 ft.

CON EDISON
BRUCKNER BLVD & BROOK AVE
BRONX, NY 10454

RCRA NonGen / NLR **1018280300**
NYP004751731

Site 4 of 6 in cluster S

Relative:
Lower

RCRA NonGen / NLR:

Actual:
18 ft.

Date form received by agency: 02/05/2016
Facility name: CON EDISON
Site name: CON EDISON - MANHOLE 1391
Facility address: BRUCKNER BLVD & BROOK AVE
BRONX, NY 10454
EPA ID: NYP004751731
Mailing address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact: THERESA BURKARD
Contact address: IRVING PLACE, 15TH FL NE
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-2262
Contact email: BURKARDT@CONED.COM
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/16/2015
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1018280300

Owner/operator name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner/operator address: IRVING PLACE
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/16/2015
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D008
. Waste name: LEAD

Historical Generators:

Date form received by agency: 03/16/2015
Site name: CON EDISON
Classification: Not a generator, verified

Date form received by agency: 03/16/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D008
Waste name: LEAD
Amount (Lbs): 4000

Violation Status: No violations found

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

S114 **CON EDISON MANHOLE 21987** **RCRA NonGen / NLR** **1014918462**
East **BRUCKNER BLVD & BROOK AVE**
1/8-1/4 **BRONX, NY 10454**
0.170 mi.
896 ft. **Site 5 of 6 in cluster S**

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 12/28/2010

Facility name: CON EDISON MANHOLE 21987

Facility address: BRUCKNER BLVD & BROOK AVE

BRONX, NY 10454

EPA ID: NYP004220760

Mailing address: IRVING PL RM 828
NEW YORK, NY 10003

Contact: GINO FRABASILE

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

Actual:
18 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: 11/28/2010

Site name: CON EDISON MANHOLE 21987

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

S115 **CON EDISON** **RCRA NonGen / NLR** **1012185290**
East **BRUCKNER BLVD & BROOK AVE**
1/8-1/4 **BRONX, NY 10455**
0.170 mi.
896 ft. **Site 6 of 6 in cluster S**

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 06/01/2016

Facility name: CON EDISON

Facility address: BRUCKNER BLVD & BROOK AVE

BRONX, NY 10455

EPA ID: NYP004160933

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185290

Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: HERMAN BAKER
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 718-267-3853
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: 09/05/2008
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004160933
Facility Status: Not reported
Location Address 1: BRUCKNER BLVD & BROOK AVE
Code: BP
Location Address 2: MH1636
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004160933
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185290

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: 09/05/2008
Trans1 Recv Date: 09/05/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/10/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004160933
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NYD077444263
TSD ID 2: Not reported
Manifest Tracking Number: 001432676FLE
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: 300.0
Units: K - Kilograms (2.2 pounds)
Number of Containers: 3.0
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1.0
Waste Code: D008
Waste Code 1_2: B002
Waste Code 1_3: B007
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

R116
NW
1/8-1/4
0.170 mi.
897 ft.

CON EDISON
55 BRUCKNER BLVD
BRONX, NY 10454
Site 5 of 5 in cluster R

NY MANIFEST S117313442
N/A

Relative:
Lower

NY MANIFEST:
Country: USA
EPA ID: NYP004594990
Facility Status: Not reported
Location Address 1: 55 BRUCKNER BLVD
Code: BP
Location Address 2: SB 21920
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
20 ft.

NY MANIFEST:
EPAID: NYP004594990
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: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 07/14/2014
Trans1 Recv Date: 07/14/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/15/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004594990
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 012771129JJK
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)

S117313442

Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H110
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 500
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

T117
North
1/8-1/4
0.177 mi.
933 ft.

CONSOLIDATED EDISON
E 135 ST & WILLIS AVE MH206
BRONX, NY

NY MANIFEST **1009241962**
N/A

Site 1 of 7 in cluster T

Relative:
Higher

NY MANIFEST:
 Country: USA
 EPA ID: NYP004105177
 Facility Status: Not reported
 Location Address 1: E 135 ST & WILLIS AVE MH206
 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:
35 ft.

NY MANIFEST:
 EPAID: NYP004105177
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CONSOLIDATED EDISON (Continued)

1009241962

NY MANIFEST:

Document ID: NYE0461862
 Manifest Status: Not reported
 seq: 01
 Year: 2002
 Trans1 State ID: 46107JM
 Trans2 State ID: Not reported
 Generator Ship Date: 12/04/2002
 Trans1 Recv Date: 12/04/2002
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 12/04/2002
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004105177
 Trans1 EPA ID: NYD006982359
 Trans2 EPA ID: Not reported
 TSD ID 1: NYD980593636
 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: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 03682
 Units: K - Kilograms (2.2 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 additional NY_MANIFEST: detail in the EDR Site Report.

T118
 North
 1/8-1/4
 0.177 mi.
 935 ft.

CON EDISON
E 135TH ST & WILLIS AVE
BRONX, NY 10454

Site 2 of 7 in cluster T

NJ MANIFEST S120677521
N/A

Relative:
Higher

NJ MANIFEST:
 EPA Id: NYP004847810
 Mail Address: IRVING PL 15TH FL NE
 Mail City/State/Zip: NEW YORK, NY 10003

Actual:
35 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120677521

Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY005
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDf Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported
Manifest:	
Manifest Number:	002661505GBF
EPA ID:	NYP004847810
Date Shipped:	10/4/2015
TSDf EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDf Received Waste:	Not reported
TSDf EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejectedd:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T119
North
1/8-1/4
0.177 mi.
935 ft.

CON EDISON
E 135TH ST & WILLIS AVE
BRONX, NY 10454

RCRA NonGen / NLR
FINDS
ECHO

1019908602
NYP004847810

Site 3 of 7 in cluster T

Relative:
Higher

RCRA NonGen / NLR:

Actual:
35 ft.

Date form received by agency: 10/04/2015
Facility name: CON EDISON
Facility address: E 135TH ST & WILLIS AVE
BRONX, NY 10454
EPA ID: NYP004847810
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 10/04/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069676853

Environmental Interest/Information System

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019908602

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019908602
Registry ID: 110069676853
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069676853>

T120
North
1/8-1/4
0.177 mi.
935 ft.

NYC DEP
E 135TH ST & WILLIS AVE
BRONX, NY 10454

RCRA NonGen / NLR
NY MANIFEST
NJ MANIFEST

1014395490
NYP003663895

Site 4 of 7 in cluster T

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 04/09/2008
Facility name: NYC DEP
Facility address: E 135TH ST & WILLIS AVE
BRONX, NY 10454
EPA ID: NYP003663895
Mailing address: JUNCTION BLVD
FLUSHING, NY 11373
Contact: JOANNE NURSE
Contact address: JUNCTION BLVD
FLUSHING, NY 11373
Contact country: US
Contact telephone: 718-595-4675
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
35 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

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP003663895
Facility Status: Not reported
Location Address 1: EAST 135th ST & WILLIS AVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEP (Continued)

1014395490

Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP003663895
Mailing Name: NYCDEP
Mailing Contact: VICTOR LEE
Mailing Address 1: EAST 135th ST & WILLIS AVE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10454
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6465845800

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2008
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 04/01/2008
Trans1 Recv Date: 04/01/2008
Trans2 Recv Date: 04/04/2008
TSD Site Recv Date: 04/04/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP003663895
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD980536593
TSD ID 2: Not reported
Manifest Tracking Number: 004072455JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEP (Continued)

1014395490

Quantity: 300.0
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
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:

EPA Id: NYP003663895
Mail Address: JUNCTION BLVD
Mail City/State/Zip: FLUSHING, NY 11373
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: JOANNE NURSE
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: 004072455JJK
EPA ID: NYP003663895
Date Shipped: 04/01/2008
TSD EPA ID: NJD980536593
Transporter EPA ID: NYD064748304
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: 04/01/2008
Date Trans2 Transported Waste: 04/04/2008
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NYC DEP (Continued)

1014395490

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: 04/04/2008
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: FLUSHING, NY 11373
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D018
Hand Code: H141
Quantity: 300 P

T121
North
1/8-1/4
0.177 mi.
935 ft.

CON ED
E 135TH ST & WILLIS AVE
BRONX, NY 10454

NY MANIFEST S119078173
N/A

Site 5 of 7 in cluster T

Relative:
Higher

NY MANIFEST:
Country: USA
EPA ID: NYP004847810
Facility Status: Not reported
Location Address 1: E 135 ST & WILLIS AVE
Code: BP
Location Address 2: SB 6256
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
35 ft.

NY MANIFEST:
EPAID: NYP004847810
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON ED (Continued)

S119078173

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: 10/04/2015
Trans1 Recv Date: 10/04/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/07/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004847810
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002661505GBF
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

[Click this hyperlink](#) while viewing on your computer to access
1 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

T122
North
1/8-1/4
0.177 mi.
935 ft.

CON EDISON SERVICE BOX: 6254
WILLIS AVE & E 135TH ST
BRONX, NY 10460

RCRA NonGen / NLR
NY MANIFEST
1016974297
NYP004481156

Site 6 of 7 in cluster T

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 04/27/2014

Facility name: CON EDISON SERVICE BOX: 6254

Facility address: WILLIS AVE & E 135TH ST
BRONX, NY 10460

EPA ID: NYP004481156

Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: 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:
35 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: 03/27/2014

Site name: CON EDISON SERVICE BOX: 6254

Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004481156
Facility Status: Not reported
Location Address 1: WILLIS AVE & 135 ST
Code: BP
Location Address 2: SB6254
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: 6254 (Continued)

1016974297

Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004481156

Mailing Name: CON EDISION

Mailing Contact: CON EDISION

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: NYD006982359

Trans2 State ID: Not reported

Generator Ship Date: 03/27/2014

Trans1 Recv Date: 03/27/2014

Trans2 Recv Date: Not reported

TSD Site Recv Date: 03/31/2014

Part A Recv Date: Not reported

Part B Recv Date: Not reported

Generator EPA ID: NYP004481156

Trans1 EPA ID: Not reported

Trans2 EPA ID: Not reported

TSD ID 1: NJD002200046

TSD ID 2: Not reported

Manifest Tracking Number: 012770535JJK

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: 30

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: 6254 (Continued)

1016974297

Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**U123
ENE
1/8-1/4
0.177 mi.
937 ft.**

**500 EAST 134TH OWNERS LLC
500 EAST 134TH STREET
BRONX, NY 10454**

**NY AST U003388549
N/A**

Site 1 of 4 in cluster U

**Relative:
Lower**

AST:
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-253456
Program Type: PBS
UTM X: 590987.00544
UTM Y: 4517706.84798
Expiration Date: N/A
Site Type: Other

**Actual:
21 ft.**

Affiliation Records:
Site Id: 10261
Affiliation Type: Mail Contact
Company Name: NATHAN BAUM
Contact Type: Not reported
Contact Name: Not reported
Address1: 175 BLAKE AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11212
Country Code: 001
Phone: (347) 739-4442
EMail: NATHAN@LIBERTY1GROUP.COM
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-09-28

Site Id: 10261
Affiliation Type: Facility Operator
Company Name: 500 EAST 134TH OWNERS LLC
Contact Type: Not reported
Contact Name: NATHAN BAUM
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 996-6456

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

500 EAST 134TH OWNERS LLC (Continued)

U003388549

EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-09-28

Site Id: 10261
Affiliation Type: Emergency Contact
Company Name: 500 EAST 134TH OWNERS LLC
Contact Type: Not reported
Contact Name: NATHAN BAUM
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (347) 739-4442
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-09-28

Site Id: 10261
Affiliation Type: Facility Owner
Company Name: 500 EAST 134TH OWNERS LLC
Contact Type: MEMBER
Contact Name: STEVEN BERGER
Address1: 325 EAST 104TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10029
Country Code: 001
Phone: (212) 996-6456
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-09-28

Tank Info:

Tank Number: 001
Tank Id: 14230
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

500 EAST 134TH OWNERS LLC (Continued)

U003388549

E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
L09 - Piping Leak Detection - Exempt Suction Piping
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 09/20/1993
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/02/2015
Register: True
Modified By: NTFREEMA
Last Modified: 04/14/2017
Material Name: Not reported

V124
NNE
1/8-1/4
0.179 mi.
944 ft.

CON EDISON
419 E 135TH ST
BRONX, NY 10451

NY MANIFEST S117062018
N/A

Site 1 of 2 in cluster V

Relative:
Higher

NY MANIFEST:
Country: USA
EPA ID: NYP004543468
Facility Status: Not reported
Location Address 1: OPP 419 E 135 ST
Code: BP
Location Address 2: SB 6260
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
41 ft.

NY MANIFEST:
EPAID: NYP004543468
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062018

Generator Ship Date: 05/27/2014
Trans1 Recv Date: 05/27/2014
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: NYP004543468
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002422981GBF
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

V125
NNE
1/8-1/4
0.179 mi.
944 ft.

CON EDISON SERVICE BOX: 6260
419 E 135TH ST
BRONX, NY 10451
Site 2 of 2 in cluster V

RCRA NonGen / NLR 1017776488
NYP004543468

Relative:
Higher

RCRA NonGen / NLR:
Date form received by agency: 06/27/2014
Facility name: CON EDISON SERVICE BOX: 6260
Facility address: 419 E 135TH ST
BRONX, NY 10451
EPA ID: NYP004543468

Actual:
41 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 6260 (Continued)

1017776488

Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 05/27/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 05/27/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

W126
NNW
1/8-1/4
0.179 mi.
945 ft.

CON EDISON
359 E 134TH ST
BRONX, NY 10455
Site 1 of 3 in cluster W

NJ MANIFEST S120674854
N/A

Relative:
Higher

NJ MANIFEST:
EPA Id: NYP004817250
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported

Actual:
27 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120674854

Gen Flag:	Not reported
Trans Flag:	Not reported
TSD Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported
Manifest:	
Manifest Number:	002660769GBF
EPA ID:	NYP004817250
Date Shipped:	8/3/2015
TSD EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSD Received Waste:	Not reported
TSD EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

W127
NNW
1/8-1/4
0.179 mi.
945 ft.

CON EDISON
359 E 134TH ST
BRONX, NY 10455

RCRA NonGen / NLR
FINDS
ECHO

1019906099
NYP004817250

Site 2 of 3 in cluster W

Relative:
Higher

RCRA NonGen / NLR:

Actual:
27 ft.

Date form received by agency: 08/03/2015
Facility name: CON EDISON
Facility address: 359 E 134TH ST
BRONX, NY 10455
EPA ID: NYP004817250
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 08/03/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069703636

Environmental Interest/Information System

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019906099

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019906099
Registry ID: 110069703636
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069703636>

W128
NNW
1/8-1/4
0.179 mi.
945 ft.

CON ED
359 E 134TH ST
BRONX, NY 10455

NY MANIFEST S119076952
N/A

Site 3 of 3 in cluster W

Relative:
Higher

NY MANIFEST:

Country: USA
EPA ID: NYP004817250
Facility Status: Not reported
Location Address 1: 358 EAST 134TH STREET FO
Code: BP
Location Address 2: SB 6142
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
27 ft.

NY MANIFEST:

EPAID: NYP004817250
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/03/2015
Trans1 Recv Date: 08/03/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/11/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004817250
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON ED (Continued)

S119076952

TSDF ID 1: NJD991291105
 TSDF ID 2: Not reported
 Manifest Tracking Number: 002660769GBF
 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

[Click this hyperlink](#) while viewing on your computer to access
 1 additional NY_MANIFEST: record(s) in the EDR Site Report.

X129
NE
1/8-1/4
0.179 mi.
945 ft.

CON EDISON
435 E 135TH ST
BRONX, NY 10451
Site 1 of 4 in cluster X

NY MANIFEST S117062150
N/A

Relative:
Higher

NY MANIFEST:
 Country: USA
 EPA ID: NYP004544839
 Facility Status: Not reported
 Location Address 1: FO 435 EAST 135 ST
 Code: BP
 Location Address 2: SB 6256
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

Actual:
44 ft.

NY MANIFEST:
 EPAID: NYP004544839

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062150

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: 05/28/2014
Trans1 Recv Date: 05/28/2014
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: NYP004544839
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002422972GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062150

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

X130
NE
1/8-1/4
0.179 mi.
945 ft.

CON EDISON SERVICE BOX: 6256
435 E 135TH ST
BRONX, NY 10451

RCRA NonGen / NLR **1017776620**
FINDS **NYP004544839**

Site 2 of 4 in cluster X

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 06/28/2014
Facility name: CON EDISON SERVICE BOX: 6256
Facility address: 435 E 135TH ST
BRONX, NY 10451

Actual:
44 ft.

EPA ID: NYP004544839
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 05/28/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 05/28/2014
Site name: CON EDISON
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 6256 (Continued)

1017776620

Violation Status: No violations found

FINDS:

Registry ID: 110063810087

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**Y131
ESE
1/8-1/4
0.187 mi.
989 ft.**

**220 EAST REALTY LLC
517 EAST 132ND STREET
BRONX, NY 10454**

**NY UST U003790820
N/A**

Site 1 of 2 in cluster Y

**Relative:
Lower**

UST:

Id/Status: 2-605835 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590956.81326
UTM Y: 4517524.53371
Site Type: Trucking/Transportation/Fleet Operation

**Actual:
19 ft.**

Affiliation Records:

Site Id: 27702
Affiliation Type: Facility Owner
Company Name: 220 EAST REALTY LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 2447 THIRD AVENUE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 585-3242
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 27702
Affiliation Type: Mail Contact
Company Name: 220 EAST REALTY LLC
Contact Type: Not reported
Contact Name: DAVE HALLAND
Address1: 2447 THIRD AVENUE
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

220 EAST REALTY LLC (Continued)

U003790820

City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 585-3242
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 27702
Affiliation Type: Facility Operator
Company Name: 220 EAST REALTY LLC
Contact Type: Not reported
Contact Name: DAVE HALLAND
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-3242
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 27702
Affiliation Type: Emergency Contact
Company Name: 220 EAST REALTY LLC
Contact Type: Not reported
Contact Name: DAVE HALLAND
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-3242
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 60547
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1000
Install Date: Not reported
Date Tank Closed: 04/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

220 EAST REALTY LLC (Continued)

U003790820

Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 60548
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1000
Install Date: Not reported
Date Tank Closed: 04/01/2001
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

Y132
ESE
1/8-1/4
0.188 mi.
995 ft.

MOBIL S/S 1JARDH AAMCO TRANAS
MOBIL S/S 1JARDH AAMCO TRANAS
BRONX, NY 10400

NY UST U001838894
N/A

Site 2 of 2 in cluster Y

Relative:
Lower

UST:
Id/Status: 2-156418 / Inactive
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: Not reported
UTM Y: Not reported
Site Type: Unknown

Actual:
18 ft.

Affiliation Records:
Site Id: 5122
Affiliation Type: Facility Owner
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type: Not reported
Contact Name: Not reported
Address1: 3225 GALLOWS 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: 5122
Affiliation Type: Mail Contact
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type: Not reported
Contact Name: Not reported
Address1: PO BOX 142667
Address2: Not reported
City: AUSTIN
State: TX
Zip Code: 78714
Country Code: 001
Phone: (703) 849-5862
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 5122
Affiliation Type: Facility Operator
Company Name: MOBIL S/S 1JARDH AAMCO TRANAS
Contact Type: Not reported
Contact Name: AAMCO TRANS
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

MOBIL S/S 1JARDH AAMCO TRANAS (Continued)

U001838894

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: 5122
Affiliation Type: Emergency Contact
Company Name: MOBIL OIL CORP;ATT:A.J.PRINGLE
Contact Type: Not reported
Contact Name: AAMCO TRANAS
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

Tank Info:

Tank Number: 001
Tank ID: 27281
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 1500
Install Date: 12/01/1978
Date Tank Closed: 12/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)
EDR ID Number
EPA ID Number

T133 **RSV SERVICE STATION INC.**
NNE **164 WILLIS AVENUE**
1/8-1/4 **BRONX, NY 10454**
0.190 mi.
1004 ft. **Site 7 of 7 in cluster T**

NY UST **U001841818**
NY Spills **N/A**

Relative:
Higher

UST:
Id/Status: 2-601205 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 11/03/2017
UTM X: 590775.88045
UTM Y: 4517919.61246
Site Type: Retail Gasoline Sales

Actual:
40 ft.

Affiliation Records:
Site Id: 23175
Affiliation Type: Mail Contact
Company Name: 164 WILLIS AVE REALTY CORP
Contact Type: Not reported
Contact Name: DANIEL SANTANA
Address1: 164 WILLIS AVE
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454-4802
Country Code: 001
Phone: (718) 402-6035 71
EMail: VIDASANTANA@AOL.COM
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2016-11-30

Site Id: 23175
Affiliation Type: Emergency Contact
Company Name: 164 WILLIS AVENUE REALTY CORP.
Contact Type: Not reported
Contact Name: DANIEL SANTANA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 402-6035
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2009-12-11

Site Id: 23175
Affiliation Type: Facility Owner
Company Name: 164 WILLIS AVENUE REALTY CORP.
Contact Type: Not reported
Contact Name: Not reported
Address1: 164 WILLIS AVENUE
Address2: Not reported
City: BRONX
State: NY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RSV SERVICE STATION INC. (Continued)

U001841818

Zip Code: 10454-4802
Country Code: 001
Phone: (718) 402-6035
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2016-11-30

Site Id: 23175
Affiliation Type: Facility Operator
Company Name: RSV SERVICE STATION INC.
Contact Type: Not reported
Contact Name: FRANCISCO AGUILAR
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 402-6035
EMail: Not reported
Fax Number: Not reported
Modified By: AYLAGATI
Date Last Modified: 2017-01-27

Tank Info:

Tank Number: 001
Tank ID: 44935
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 11/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 05/07/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: kakyar
Last Modified: 04/14/2017

Equipment Records:

B05 - Tank External Protection - Jacketed
G04 - Tank Secondary Containment - Double-Walled (Underground)
H05 - Tank Leak Detection - In-Tank System (ATG)
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
F02 - Pipe External Protection - Original Sacrificial Anode
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RSV SERVICE STATION INC. (Continued)

U001841818

B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off

Tank Number: 002
Tank ID: 44936
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 11/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 05/07/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: kakyer
Last Modified: 04/14/2017

Equipment Records:

B05 - Tank External Protection - Jacketed
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
F02 - Pipe External Protection - Original Sacrificial Anode
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 003
Tank ID: 44937
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 11/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RSV SERVICE STATION INC. (Continued)

U001841818

Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 05/07/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: kakyar
Last Modified: 04/14/2017

Equipment Records:

L07 - Piping Leak Detection - Pressurized Piping Leak Detector
F02 - Pipe External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
E00 - Piping Secondary Containment - None
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I03 - Overfill - Automatic Shut-Off
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
H05 - Tank Leak Detection - In-Tank System (ATG)
B05 - Tank External Protection - Jacketed
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 004
Tank ID: 44938
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 11/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 05/07/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: kakyar
Last Modified: 04/14/2017

Equipment Records:

B02 - Tank External Protection - Original Sacrificial Anode
J01 - Dispenser - Pressurized Dispenser
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RSV SERVICE STATION INC. (Continued)

U001841818

- F01 - Pipe External Protection - Painted/Asphalt Coating
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I03 - Overfill - Automatic Shut-Off
- F02 - Pipe External Protection - Original Sacrificial Anode
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- H05 - Tank Leak Detection - In-Tank System (ATG)
- B05 - Tank External Protection - Jacketed
- G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 005
Tank ID: 44939
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 11/01/1992
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 05/07/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: kakyer
Last Modified: 04/14/2017

Equipment Records:

- B05 - Tank External Protection - Jacketed
- G04 - Tank Secondary Containment - Double-Walled (Underground)
- F02 - Pipe External Protection - Original Sacrificial Anode
- L07 - Piping Leak Detection - Pressurized Piping Leak Detector
- C02 - Pipe Location - Underground/On-ground
- E00 - Piping Secondary Containment - None
- I02 - Overfill - High Level Alarm
- K01 - Spill Prevention - Catch Basin
- B02 - Tank External Protection - Original Sacrificial Anode
- J01 - Dispenser - Pressurized Dispenser
- A00 - Tank Internal Protection - None
- D01 - Pipe Type - Steel/Carbon Steel/Iron
- F01 - Pipe External Protection - Painted/Asphalt Coating
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I03 - Overfill - Automatic Shut-Off
- H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Number: 006
Tank ID: 66342
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 12000
Install Date: 07/01/2003
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

RSV SERVICE STATION INC. (Continued)

U001841818

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: kakyer
Last Modified: 04/14/2017

Equipment Records:

A99 - Tank Internal Protection - Other
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D08 - Pipe Type - Equivalent Technology
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
H05 - Tank Leak Detection - In-Tank System (ATG)
F99 - Pipe External Protection - Other
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 007
Tank ID: 66343
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 12000
Install Date: 07/01/2003
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: kakyer
Last Modified: 04/14/2017

Equipment Records:

A99 - Tank Internal Protection - Other
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
K01 - Spill Prevention - Catch Basin
D08 - Pipe Type - Equivalent Technology
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
F99 - Pipe External Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RSV SERVICE STATION INC. (Continued)

U001841818

Tank Number: 008
Tank ID: 66344
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 5000
Install Date: 07/01/2003
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: kakyer
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G04 - Tank Secondary Containment - Double-Walled (Underground)
A99 - Tank Internal Protection - Other
F99 - Pipe External Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)
J01 - Dispenser - Pressurized Dispenser
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D08 - Pipe Type - Equivalent Technology
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin

SPILLS:

Facility ID: 0205703
Facility Type: ER
DER Facility ID: 264580
Site ID: 328755
DEC Region: 2
Spill Date: 2002-09-02
Spill Number/Closed Date: 0205703 / 2003-07-11
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: SIGONA
Referred To: Not reported
Reported to Dept: 2002-09-02
CID: 281
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Affected Persons
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

RSV SERVICE STATION INC. (Continued)

U001841818

Remediation Phase: 0
Date Entered In Computer: 2002-09-02
Spill Record Last Update: 2003-10-09
Spiller Name: Not reported
Spiller Company: MOBIL
Spiller Address: 164 WILLIS AVE
Spiller City,St,Zip: BRONX, NY -
Spiller Company: 001
Contact Name: BERNICE SUTTON
Contact Phone: (718) 402-6251
DEC Memo: ""
Remarks: "CALLER REPORTS ODOR OF GASOLINE COMMING FROM ABOVE LOCATION. CALLER REPORTS THAT THERE HAVE BEEN PROBLEMS AT LOCATION IN THE PAST AND DEC HAS RESPONDED. CALLER IS REQUESTING TO SPEAK TO DEC IN REFERENCE TO SITUATION."

Material:

Site ID: 328755
Operable Unit ID: 858261
Operable Unit: 01
Material ID: 519901
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: 0201128
Facility Type: ER
DER Facility ID: 264580
Site ID: 328754
DEC Region: 2
Spill Date: 2002-04-30
Spill Number/Closed Date: 0201128 / Not Reported
Spill Cause: Equipment Failure
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: VXBREVDO
Referred To: REPORT BY 10/1/08
Reported to Dept: 2002-04-30
CID: 270
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: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RSV SERVICE STATION INC. (Continued)

U001841818

Remediation Phase: 1
Date Entered In Computer: 2002-04-30
Spill Record Last Update: 2014-01-15
Spiller Name: Not reported
Spiller Company: RSV WILLIS S/S
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: DANNY SANTANNA
Contact Phone: Not reported
DEC Memo: "This spill case was reassigned from DEC (Sigona) to Rommel on 01/07/2004. This investigation and cleanup is being conducted under a DEC consent order with independent dealer. This spill site has been consolidated under Spill No. 0201128. Sigona 04/26/04 Received summarized gauging data and sampling data for 6 wells from VTEQE, LTD. Sander Sternig 631-472-4991. No product, max B - 2180 ppb MTBE - 9570 ppb. Rommel 2/1/06 - Received a 1-page well sampling results. Max Benzene - 356 ppb MTBE - 1100 ppb. - KST 4/1/06 - 1 page report. Max BTEX in well 4 = 2ppm. Max. Benzene = 766 ppb MTBE = 541 ppb - KST 8/10/06 - 2 page report. seems all the BTEX were gone in 3 months!!! Need a closure petition with site history, remedial activities at the site, sampling events and lab analytical data to justify for closure. Will call Mr. Sander Sternig of VTEQE, Ltd. for the report. - KST

----- 2/25/08: Reassigned from Vadim Brevdo to Chanda.
(Chanda) 5/4/08: Chanda called Mr. Sander Stering of VTEQE, Ltd., to get updated information regarding this site. He stated that his company is no longer with this site. He gave An Environmental personnel name (Mr. Charles Nalbone, Ph. 917-346-8976) for this site.
5/5/08: Chnada called Mr. Charles Nalbone to get updated status for this spill site. He stated that he has an environmental consultant (Environmental Management Solutions, Inc.) He will call DEC with update information as soon as possible. Mr. Charles Nalbone Ph. 917 346-8976 email: vidadantana@aol.com 5/5/08: Chanda sent an email to RP representative Mr. Charles Naibone (vidasantana@aol.com) requiring remedial activities report with groundwater sampling events and lab analytical data within 30 days. (See eDocs) 5/14/08: Chanda received 1 page summarized gauging data and sampling data for 6 wells from VTEQE, LTD. Sander Sternig 631-472-4991. (see eDocs) Sample collection from dated 7/9/07 and analyzed. The result indicated that maximum BTEX in Well-1 (1,935 ppb) and maximum MTBE is Well-1 (204 ppb). 5/28/08: Chanda received Groundwater Analytical Results dated 4/18/08 submitted by Environmental Management Solutions, Inc (EMS).(see eDocs) 6/19/08: Chanda has reviewed the GW analytical results dated December 2006 through April 2008. GW analyticals results as follows: Date: MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 12/20/06
BTEX:(ug/L)-----942.3-----ND-----1,482-----778.
1-----ND-----ND
MTBE:(ug/L)-----123-----1.9-----7.0-----45.
8-----ND-----ND 3/3/07
BTEX:(ug/L)-----7,034.1-----ND-----4,960.3-----1,
407----ND-----ND
MTBE:(ug/L)-----319-----6.55-----39.
2-----316-----ND-----ND 7/3/08
BTEX:(ug/L)-----9,010-----ND-----8,990-----2,
640-----ND-----ND MTBE:(ug/L)-----350-----16-----

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RSV SERVICE STATION INC. (Continued)

U001841818

---100-----480-----ND-----ND 10/11/07

BTEX:(ug/L)-----11,681-----18-----8,910-----4,

440-----ND-----ND

MTBE:(ug/L)

-----250-----92-----57-----630-----ND-----ND

1/10/08

BTEX:(ug/L)-----9,260-----24-----12,

120-----815-----ND-----ND

MTBE:(ug/L)

-----100-----6-----50-----140-----ND-----ND

4/18/08

BTEX:(ug/L)-----6,663-----ND-----11,719-----2,

480-----ND-----ND

MTBE:(ug/L)

-----120-----ND-----29-----300-----ND-----ND

6/19/08: Chanda sent an email to RP representative requiring that the current property owner name, mailing address, phone, fax, and email for future correspondences for this spill site. 6/26/08: Chanda received an email from Ms. Patty Badding, EMS. She provides the property owners information. The Property Owner's name is: Mr. Manuel Vidal 164 Willis Avenue Realty Corp. 164 Willis Avenue, Bronx, NY 10454 Ph: 718-402-6035 6/30/08: Chanda sent a certified letter to RP and email to his consultant (Patty Badding), requiring that a subsurface investigation work plan be submitted to DEC by 7/25/08 for review and approval. 7/30/08: Chanda received an Investigation Work Plan prepared by EMS dated July 30, 2008. (see eDocs) 8/13/08: Chanda has reviewed the investigation work plan and has the following: *The site currently operates as a Mobil Filling station. Existing fuel storage system consisted of four fiberglass 4,000-gallon gasoline USTs, one fiberglass 4,000-gallon diesel UST, four dispenser islands with seven dispensers, a kiosk and associated underground piping. * The Work Plan proposed to install six (6) soil borings/monitoring wells (MW-7 through MW-12) at the site. In addition, the site plan indicated that existing six (6) monitoring wells were active on the site. 8/14/08: Chanda discussed with Mark Tibbe and decided that the investigation work plan is not approved at this time. The Department requires that all existing monitoring well, MW-1 through MW-6, must be gauged and surveyed to determine the correct groundwater flow direction. Chanda sent a letter to RP and his consultant requiring, that a report summarizing the findings of the gauging and surveying investigation, including date and time of monitoring, well numbers, depth to water, depth to products, product thickness, site plans to scale, a groundwater contour map, proposed borings/monitoring wells location map, conclusions and recommendations must be submitted to the Department by October 1, 2008. 06/07/2013 - V. Brevdo Called Patricia Badding of EMS at 908-604-2291, left message on voice mail. Asked if she was still a consultant on the project and asked her to return my call. Brevdo 06/10/2013 - V. Brevdo Patricia Badding returned call. Asvised me they were monitoring groundwater and she will get me results. I asked to submit me a project status report with synopsis where we are in the project train. I stated that I would like to know if we are on the pathway to completing this project or alternative remedy may be needed. Pat said she will get report to me soon. V. Brevdo 07/19/2013 - V. Brevdo Called Patricia Badding. Ms. Badding immediately stated she remembers she owns DEC a report on this site, but has been very swamped with work and her assistant quit and asked for more time to prepare report. Ms. Badding

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RSV SERVICE STATION INC. (Continued)

U001841818

stated that she recalls that downgradient / off site wells are clean. I asked if Ms. Badding can submit report within 30 days and she answered affirmatively. I stated that I will look forward to receiving a report within 30 days. VB. 10/07/2013 - V. Brevdo EMS submitted results of groundwater monitoring. E-mail from Patricia Badding of EMS to DEC: Hi Vadim, Attached are tables, historical analytical and BTEX summary, including the data from August 29, 2013 and a map. I wanted to sample the last time before responding because concentrations of contaminants had decreased significantly last February, especially in MW-1, the most contaminated and I was curious to see if this trend continued. Levels in MW-1 were up this time but not as high as during the last few years. Is it possible to discuss this site prior to submission of a work plan? I'll be in the field for the next few days, is Thursday good for you? Thanks Vadim and have a good day. 10/07/13 E-mail from the Department to Patricia Badding of EMS: Hi, Patty: Concentrations used to be in the range of about 6,000-8,000 in 2011 and 2012, then dropped to 1,851 ppb in February 2013 and are now at 5,625 ppb. I will be glad to discuss the site prior to submission of a work plan. Thursday is good for me to discuss. If you want to make sure I am at my desk, we can schedule a call. Otherwise you can just call me and if I am not at my desk, leave a message and I will call you back. Sincerely, Vadim Brevdo 10/08/2013 E-mail reply from Patricia Badding of EMS Thank you Vadim. Patty Badding Project Manager Environmental Management Solutions, Inc. 260 New Vernon Road Gillette, NJ 07933 908-604-2291 phone 908-604-4949 fax 908-500-7160 cell pbadding@aol.com 10/16/2013 - V. Brevdo Received call from Patricia Badding. Agreed to another round of groundwater monitoring. If no decline in groundwater concentrations, EMS shall propose course of action to address groundwater contamination. VB 01/15/2014 - V. Brevdo E-mail from Patty Badding of Environmental Management Solutions: Good morning Vadim, Attached are the laboratory reports, a summary table of the results and a table of historic and current BTEX summaries. Results from MW-1 and MW-2 increased in concentration and MW-3 and MW-4 concentrations decreased. Overall concentrations have decreased over the years. I'd like to get another round of samples in February if that is acceptable to you. Thank you Patty Badding Project Manager Environmental Management Solutions, Inc. 260 New Vernon Road Gillette, NJ 07933 908-604-2291 phone 908-604-4949 fax 908-500-7160 cell pbadding@aol.com 01/15/2014 - V. Brevdo E-mail to Patricia Badding of EMS: January 15, 2014 Good Morning, Patty: The Department concurs with your proposal to conduct another round of ground water sampling in February 2014. However, I hereby request that you submit the following at your earliest convenience: 1) Site plan depicting locations of all monitoring wells and structures, USTs, pump islands, etc. 2) Contact information for your client. Thank you, Vadim Brevdo 01/15/2014 - V. Brevdo Received e-mail from Patty Badding of EMS with site plan attached and RP's (EMS' client) contact information: Danny Santana 164 Willis Avenue Bronx, NY 10454 718-402-6035 VB "DEC advised caller to call hotline for a number spill contained clean up pending"

Remarks:

Material:
Site ID:
Operable Unit ID:
Operable Unit:
Material ID:
Material Code:

328754
852125
01
522552
0009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RSV SERVICE STATION INC. (Continued)

U001841818

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:

**Z134
WNW
1/8-1/4
0.193 mi.
1020 ft.**

**CON EDISON
299 E 132ND ST
BRONX, NY 10454
Site 1 of 7 in cluster Z**

**NJ MANIFEST S120674322
N/A**

**Relative:
Lower**

NJ MANIFEST:
EPA Id: NYP004811499
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

**Actual:
9 ft.**

Manifest:
Manifest Number: 002661202GBF
EPA ID: NYP004811499
Date Shipped: 7/23/2015
TSD EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120674322

Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Z135
WNW
1/8-1/4
0.193 mi.
1020 ft.

CON EDISON
299 E 132ND ST
BRONX, NY 10454
Site 2 of 7 in cluster Z

RCRA NonGen / NLR **1019905600**
NYP004811499

Relative:
Lower

RCRA NonGen / NLR:

Actual:
9 ft.

Date form received by agency: 07/23/2015
Facility name: CON EDISON
Facility address: 299 E 132ND ST
BRONX, NY 10454
EPA ID: NYP004811499
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019905600

User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 07/23/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

AA136
East
1/8-1/4
0.195 mi.
1029 ft.

LOT 62, TAXBLOCK 2261
121 BRUCKNER BOULEVARD
BRONX, NY 10454
Site 1 of 4 in cluster AA

NY E DESIGNATION **S108076791**
NY MANIFEST **N/A**

Relative:
Lower

E DESIGNATION:
Tax Lot(s): 62
Tax Block: 2261
Borough Code: BX
E-No: E-143
Effective Date: 3/9/2005
Satisfaction Date: Not reported
Ceqr Number: 05DCP005X
Ulurp Number: 050120 ZMX
Zoning Map No: 6a, 6b

Actual:
18 ft.

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

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

NY MANIFEST:

Country: USA
EPA ID: NYP004783882
Facility Status: Not reported
Location Address 1: OPP 121 BRUCKNER BLVD
Code: BP
Location Address 2: MH 1391
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004783882
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOT 62,TAXBLOCK 2261 (Continued)

S108076791

Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 05/18/2015
Trans1 Recv Date: 05/18/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/20/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004783882
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002661094GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 1000
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access 2 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

AA137
East
1/8-1/4
0.195 mi.
1029 ft.

CON EDISON
121 BRUCKNER BLVD
BRONX, NY 10454

RCRA NonGen / NLR

1019903301
NYP004783882

Site 2 of 4 in cluster AA

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 05/18/2015

Facility name: CON EDISON

Facility address: 121 BRUCKNER BLVD
BRONX, NY 10454

EPA ID: NYP004783882

Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Contact address: 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:
18 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: 05/18/2015

Site name: CON EDISON

Classification: Large Quantity Generator

Violation Status: No violations found

AA138
East
1/8-1/4
0.195 mi.
1029 ft.

CON EDISON
121 BRUCKNER BLVD
BRONX, NY 10454

NJ MANIFEST

S120671889
N/A

Site 3 of 4 in cluster AA

Relative:
Lower

NJ MANIFEST:

EPA Id: NYP004783882

Mail Address: IRVING PL 15TH FL NE

Mail City/State/Zip: NEW YORK, NY 10003

Facility Phone: Not reported

Emergency Phone: Not reported

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120671889

Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 002661094GBF
EPA ID: NYP004783882
Date Shipped: 5/18/2015
TSD EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSD Received Waste: Not reported
TSD EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Z139
WNW
1/8-1/4
0.197 mi.
1038 ft.

CON EDISON - MANHOLE 23955
NWC E 132ND ST & AL
BRONX, NY 10453

RCRA-LQG 1016149590
NY MANIFEST NYP004282554

Site 3 of 7 in cluster Z

Relative:
Lower

RCRA-LQG:

Actual:
9 ft.

Date form received by agency: 03/27/2014
Facility name: CON EDISON - MANHOLE 23955
Facility address: NWC E 132ND ST & AL
EXANDER AVE
BRONX, NY 10453
EPA ID: NYP004282554
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: DENNIS HUACON
Contact address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-460-2757
Contact email: HUACOND@CONED.COM
EPA Region: 02
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CONSOLIDATED EDISON CO OF NY INC
Owner/operator address: IRVING PL
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/10/2013
Owner/Op end date: Not reported

Owner/operator name: CONSOLIDATED EDISON CO OF NY INC
Owner/operator address: IRVING PL
NEW YORK, NY 10003
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - MANHOLE 23955 (Continued)

1016149590

Owner/Operator Type: Owner
Owner/Op start date: 01/10/2013
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: 01/10/2013
Site name: CON EDISON MANHOLE: 23955
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004282554
Facility Status: Not reported
Location Address 1: NWO E 132ND ST & ALEXANDER AVE
Code: BP
Location Address 2: MH23955
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004282554
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON - MANHOLE 23955 (Continued)

1016149590

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:	01/10/2013
Trans1 Recv Date:	01/10/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/10/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004282554
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	010408922JJK
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:	9000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access 1 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Z140
WNW
1/8-1/4
0.197 mi.
1038 ft.

CON EDISON
E 132ND ST & ALEXANDER ST SW
BRONX, NY 10454

NJ MANIFEST S120670058
N/A

Site 4 of 7 in cluster Z

Relative:
Lower

NJ MANIFEST:
EPA Id: NYP004763108
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDf Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Actual:
9 ft.

Manifest:
Manifest Number: 002611695GBF
EPA ID: NYP004763108
Date Shipped: 4/4/2015
TSDf EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120670058

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

Z141
WNW
1/8-1/4
0.197 mi.
1038 ft.

CON EDISON
ALEXANDER AVE & E 132ND ST
BRONX, NY 10454

NY MANIFEST S117317664
N/A

Site 5 of 7 in cluster Z

Relative:
Lower

NY MANIFEST:

Country: USA
EPA ID: NYP004651147
Facility Status: Not reported
Location Address 1: ALEXANDER AVE & E 132ND ST
Code: BP
Location Address 2: MH 32074
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
9 ft.

NY MANIFEST:

EPAID: NYP004651147
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: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 09/08/2014
Trans1 Recv Date: 09/08/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/16/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004651147
Trans1 EPA ID: Not reported
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

CON EDISON (Continued)

S117317664

Manifest Tracking Number: 002563714GBF
 Import Indicator: N
 Export Indicator: N
 Discr Quantity Indicator: N
 Discr Type Indicator: N
 Discr Residue Indicator: N
 Discr Partial Reject Indicator: N
 Discr Full Reject Indicator: N
 Manifest Ref Number: Not reported
 Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H110
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 2000
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Z142
WNW
1/8-1/4
0.197 mi.
1038 ft.

CON EDISON
E 132ND ST & ALEXANDER ST SW
BRONX, NY 10454

NY MANIFEST S119074166
N/A

Site 6 of 7 in cluster Z

Relative:
Lower

NY MANIFEST:
 Country: USA
 EPA ID: NYP004763108
 Facility Status: Not reported
 Location Address 1: N/S E 132ST 25 ALEXANDER ST
 Code: BP
 Location Address 2: M 5952
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

Actual:
9 ft.

NY MANIFEST:
 EPAID: NYP004763108
 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)

S119074166

Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 04/04/2015
Trans1 Recv Date: 04/04/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/07/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004763108
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002611695GBF
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
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)

S119074166

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

Z143
WNW
1/8-1/4
0.197 mi.
1038 ft.

CON EDISON
E 132ND ST & ALEXANDER ST SW
BRONX, NY 10454

RCRA NonGen / NLR

1019901538
NYP004763108

Site 7 of 7 in cluster Z

Relative:
Lower

RCRA NonGen / NLR:

Actual:
9 ft.

Date form received by agency: 04/04/2015
Facility name: CON EDISON
Facility address: E 132ND ST & ALEXANDER ST SW
COR
BRONX, NY 10454
EPA ID: NYP004763108
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 04/04/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

U144
East
1/8-1/4
0.197 mi.
1038 ft.

CON EDISON MANHOLE 1399
134 ST & BROOK AVE
BRONX, NY 10451

RCRA NonGen / NLR
NY MANIFEST
1010327078
NYP004144515

Site 2 of 4 in cluster U

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 01/11/2007

Facility name: CON EDISON MANHOLE 1399

Facility address: 134 ST & BROOK AVE

BRONX, NY 10451

EPA ID: NYP004144515

Mailing address: 4 IRVING PL, RM 828

NEW YORK, NY 10003

Contact: MICHAEL D'AGOSTINO

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:
18 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: NYP004144515

Facility Status: Not reported

Location Address 1: MH1399-134TH ST & BROOK AVE

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 MANHOLE 1399 (Continued)

1010327078

Total Tanks:	Not reported
Location City:	BRONX
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported
NY MANIFEST:	
EPAID:	NYP004144515
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address 1:	4 IRVING PL RM 882
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:	NYE1582497
Manifest Status:	Not reported
seq:	01
Year:	2006
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	08/17/2006
Trans1 Recv Date:	08/17/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/17/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004144515
Trans1 EPA ID:	12446JT
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:	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:	00032
Units:	K - Kilograms (2.2 pounds)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 1399 (Continued)

1010327078

Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: L Landfill.
Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

U145
East
1/8-1/4
0.197 mi.
1038 ft.

CON EDISON MANHOLE 1399
134 ST & BROOK AVE
BRONX, NY 10451
Site 3 of 4 in cluster U

RCRA NonGen / NLR

1010327046
NYP004144358

Relative:
Lower

RCRA NonGen / NLR:

Actual:
18 ft.

Date form received by agency: 01/11/2007
Facility name: CON EDISON MANHOLE 1399
Facility address: 134 ST & BROOK AVE
BRONX, NY 10451
EPA ID: NYP004144358
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: MICHAEL D'AGOSTINO
Contact address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact country: US
Contact telephone: 212-580-8383
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON MANHOLE 1399 (Continued)

1010327046

Classification: Unverified
 Violation Status: No violations found

U146
East
1/8-1/4
0.197 mi.
1038 ft.

CONSOLIDATED EDISON
134 ST & BROOK AVE
BRONX, NY 10451
Site 4 of 4 in cluster U

NY MANIFEST **S117564266**
N/A

Relative:
Lower

NY MANIFEST:
 Country: USA
 EPA ID: NYP004144358
 Facility Status: Not reported
 Location Address 1: MH10236
 Code: BP
 Location Address 2: Not reported
 Total Tanks: Not reported
 Location City: NEW YORK
 Location State: NY
 Location Zip: 10003
 Location Zip 4: Not reported

Actual:
18 ft.

NY MANIFEST:
 EPAID: NYP004144358
 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

NY MANIFEST:
 Document ID: NJA5239251
 Manifest Status: Not reported
 seq: 01
 Year: 2006
 Trans1 State ID: NJD003812047
 Trans2 State ID: Not reported
 Generator Ship Date: 08/06/2006
 Trans1 Recv Date: 08/06/2006
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 08/09/2006
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004144358
 Trans1 EPA ID: H10376
 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CONSOLIDATED EDISON (Continued)

S117564266

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: 00250
 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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AB147
 ENE
 1/8-1/4
 0.198 mi.
 1043 ft.**

**CONSOLIDATED EDISON
 135 ST & BROWN PLACE
 BRONX, NY 10451**

**NY MANIFEST S110823774
 N/A**

Site 1 of 2 in cluster AB

**Relative:
 Higher**

NY MANIFEST:
 Country: USA
 EPA ID: NYP004227025
 Facility Status: Not reported
 Location Address 1: 135 ST & BROWN PLACE
 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:
 33 ft.**

NY MANIFEST:
 EPAID: NYP004227025
 Mailing Name: CONSOLIDATED EDISON
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

S110823774

Manifest Status:	Not reported
seq:	Not reported
Year:	2011
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	02/06/2011
Trans1 Recv Date:	02/06/2011
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/07/2011
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004227025
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	007660050JJK
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:	500.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1.0
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AB148
ENE
1/8-1/4
0.198 mi.
1043 ft.

CON ED-M/H 209
OPP S/W/C 135 ST & BROWN PL
BRONX, NY 10462

RCRA NonGen / NLR
NY MANIFEST
1007206304
NYP004007571

Site 2 of 2 in cluster AB

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 02/28/1998

Facility name: CON ED-M/H 209

Facility address: OPP S/W/C 135 ST & BROWN PL
BRONX, NY 10462-0000

EPA ID: NYP004007571

Mailing address: CONSOLIDATED EDISON INC
4 IRVING PL ROOM 300
NEW YORK, NY 10003-0000

Contact: ANTHONY DRUMMINGS

Contact address: CONSOLIDATED EDISON INC
NEW YORK, NY 10003-0000

Contact country: US

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: 02/27/1998

Site name: CON ED-M/H 209

Classification: Not a generator, verified

Date form received by agency: 02/26/1998

Site name: CON ED-M/H 209

Classification: Large Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA

EPA ID: NYP004007571

Facility Status: Not reported

Location Address 1: MH 209 - E 135 ST & BROWN

Code: BP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON ED-M/H 209 (Continued)

1007206304

Location Address 2: Not reported
Total Tanks: Not reported
Location City: QUEENS
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004007571
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: NYG0094815
Manifest Status: K
seq: Not reported
Year: 1997
Trans1 State ID: 80336AB
Trans2 State ID: Not reported
Generator Ship Date: 06/13/1997
Trans1 Recv Date: 06/13/1997
Trans2 Recv Date: / /
TSD Site Recv Date: 06/16/1997
Part A Recv Date: 06/25/1997
Part B Recv Date: 07/18/1997
Generator EPA ID: NYP004007571
Trans1 EPA ID: NYD006982359
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: 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: 00001

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON ED-M/H 209 (Continued)

1007206304

Units: Y - Cubic yards* (.85 tons)
 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
 3 additional NY_MANIFEST: record(s) in the EDR Site Report.

**AC149
 NW
 1/8-1/4
 0.199 mi.
 1053 ft.**

**CON EDISON
 39 BRUCKNER BLVD FRONT OF
 BRONX, NY 10454
 Site 1 of 10 in cluster AC**

**NY MANIFEST S117062786
 N/A**

**Relative:
 Lower**

NY MANIFEST:
 Country: USA
 EPA ID: NYP004551693
 Facility Status: Not reported
 Location Address 1: 39 BRUCKNER BLVD
 Code: BP
 Location Address 2: SB 21971
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

**Actual:
 19 ft.**

NY MANIFEST:
 EPAID: NYP004551693
 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: 06/03/2014
 Trans1 Recv Date: 06/03/2014
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 06/05/2014
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004551693
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117062786

TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002422830GBF
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: 250
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AC150
NW
1/8-1/4
0.199 mi.
1053 ft.**

**CON EDISON SERVICE BOX: 21971
39 BRUCKNER BLVD FRONT OF
BRONX, NY 10454**

**RCRA NonGen / NLR 1017777277
FINDS NYP004551693**

Site 2 of 10 in cluster AC

**Relative:
Lower**

RCRA NonGen / NLR:

Date form received by agency: 07/03/2014

Facility name: CON EDISON SERVICE BOX: 21971

Facility address: 39 BRUCKNER BLVD FRONT OF
BRONX, NY 10454

EPA ID: NYP004551693

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

**Actual:
19 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 21971 (Continued)

101777277

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 06/03/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 06/03/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063817179

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

151
ESE
1/8-1/4
0.200 mi.
1054 ft.

CONSOLIDATED EDISON
550 E 132 ST
BRONX, NY

NY MANIFEST 1009241433
N/A

Relative:
Lower
Actual:
19 ft.

NY MANIFEST:
Country: USA
EPA ID: NYP004098869
Facility Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

1009241433

Location Address 1: 550 E 132 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: NYP004098869
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: NYE0679167
Manifest Status: Not reported
seq: 01
Year: 2002
Trans1 State ID: 31877AJ
Trans2 State ID: Not reported
Generator Ship Date: 06/06/2002
Trans1 Recv Date: 06/06/2002
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/06/2002
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004098869
Trans1 EPA ID: NYD006982359
Trans2 EPA ID: Not reported
TSD ID 1: NYD980593636
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: B002 - PETROLEUM OIL WITH 50 BUT < 500 PPM PCB
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)

1009241433

Waste Code: Not reported
 Quantity: 00845
 Units: K - Kilograms (2.2 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
 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

**AD152
 ESE
 1/8-1/4
 0.201 mi.
 1060 ft.**

**HESS STATION 32506
 126-128 BRUCKNER BLVD
 BRONX, NY**

**NY LTANKS S104275675
 NY Spills N/A**

Site 1 of 3 in cluster AD

**Relative:
 Lower**

LTANKS:

Site ID: 237445
 Spill Number/Closed Date: 9205097 / 1994-07-22
 Spill Date: 1992-07-30
 Spill Cause: Tank Failure
 Spill Source: Gasoline Station or other PBS Facility
 Spill Class: Known release that creates a file or hazard. (Highly Improbable)
 Cleanup Ceased: 1994-07-22
 Cleanup Meets Standard: True
 SWIS: 0301
 Investigator: SULLIVAN
 Referred To: Not reported
 Reported to Dept: 1992-08-03
 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: 1992-08-05
 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
 Spiller Phone: Not reported
 Spiller Extention: Not reported
 DEC Region: 2
 DER Facility ID: 195568
 DEC Memo: ""
 Remarks: "CONTAMINATED SOIL DISCOVERED DURING TANK PULL. WILL STOCKPILE, TEST, DISPOSE."

Material:

Site ID: 237445
 Operable Unit ID: 968861

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HESS STATION 32506 (Continued)

S104275675

Operable Unit: 01
Material ID: 409327
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:

SPILLS:

Facility ID: 9405017
Facility Type: ER
DER Facility ID: 195568
Site ID: 68189
DEC Region: 2
Spill Date: 1994-07-12
Spill Number/Closed Date: 9405017 / 2016-03-24
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: RJFENG
Referred To: SVE/AS STARTUP APPROVED
Reported to Dept: 1994-07-12
CID: Not reported
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Responsible Party
Cleanup Ceased: 2011-09-21
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: True
Remediation Phase: 0
Date Entered In Computer: 1994-10-06
Spill Record Last Update: 2016-03-24
Spiller Name: Not reported
Spiller Company: MERIT OIL STATION
Spiller Address: 126-128 BRUCKNER BLVD
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 SUN 1/26/06: Case assigned to Carlson. Hess does not want to remediate site until the upgradient site, former Gassman fuel company spill case contamination is confirmed. 1/25/06 meeting with Quantum, NYSDEC, and GSC/Kleinfelder: a bailing schedule will be kept and absorbent socks will be placed in the wells containing free product. 6/29/06: Meeting with Hess, Quantum, EnviroTrac, GSC, and NYSDEC on

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HESS STATION 32506 (Continued)

S104275675

6/28/2006. Hess has been bailing product. They will not put in a system until the upgradient Gassman site has been resolved. The Department requested that Hess locally treat downgradient well MW-5.
7/12/06: Reviewed the First triannual 2006 report. Product in four wells: MW8, MVE-2, MVE-3, SVE-1. Product was bailed roughly biweekly. Max BTEX 3,797 in MW5, max MTBE 934ppb in MW9. Upgradient Gassman property is the suspected source. See spill file 0101831. 8/25/06: Received email from Al Tonn: Kleinfelder is preparing a work plan for ORC injections around MW-5 as discussed at our last meeting. 10/4/06: RAP approved for ORC around MW5. Six injections points around MW5, total of 60 pounds of ORC. Slurry will be injected between 8 and 13 ft bg. Background sample will be collected from MW5 and MW4. Dissolved oxygen, pH, redox potential, dissolved ferrous iron, dissolved manganese, and alkalinity will be measured in the background samples, and during next two quarters. Gassman spill 0101831 still needs to be resolved before Hess will remediate the rest of the property. 10/31/06: Reviewed site status update report dated October 25, 2006. Wells sampled on 8/9/06. Product in four wells: MW8, MVE1, MVE2, and MVE3. Product is recovered monthly. Max BTEX 4060 (MW7), max MTBE 1850 (MW9). ORC will be injected surrounding MW5 in November. The upgradient spill on the gassman site has not been resolved yet. 12/18/06: Received email from Aaron Lapine of Delta: The initial ORC injection was completed by Kleinfelder on November 14, 2006 subsequent to the installation of 2 injection points around MW-5 and the collection of MNA samples from MW-4 and MW-5. We are scheduled to sample this site in December 2006 and then in April 2007 as part of the tri-annual schedule. The additional MNA parameters will be collected during these sampling events. Based on the analytical results it will be determined whether additional ORC injections are warranted. 1/17/07: Meeting on 1/16/07 with Hess, Delta, and NYSDEC 3/5/07: ORC injected around MW5 on 11/14/06. Wells sampled on 12/29/06. Product at depth of 0.01 ft in MW8. General decrease in contaminants and product thickness. Need to resolve upgradient gassman site. 6/15/07: Reviewed site status report. Wells sampled on 4/23/07. No LNAPL. Max BTEX 1,372 (MW5). Max MTBE 470 (MW9). Slight decrease in contaminants in MW5 after ORC injection. Upgradient spill (former Gassman) not resolved yet. 10/23/07: Reviewed update report. Wells sampled on 8/10/07. Max BTEX 1,326 ppb (SVE1), max MTBE 110 ppb (MW2). No LNAPL present. 3/10/08: Received FOIL request from Delta to review report for adjacent spill site (Gassman site, spill 0101831). 3/12/08: Reviewed October 2007 - January 2008 Site Status Report. Wells sampled on December 7, 2007. LNAPL present in four wells: MW3 (0.03 ft), MW8 (0.04 ft), MVE2 (0.03 ft), SVE1 (0.18 ft). Max BTEX 2,339 ppb (MW5), max MTBE 540 ppb (MW9). 5/7/08 - Carlson: Meeting with Hess, Envirotrac, and NYSDEC. Hess need to complete review of files for this spill and adjacent gassman site. 7/9/08 - Carlson: Reviewed meeting minutes. Requested that Hess submit a FOIL request to review files for adjacent Gassman site. Emailed them the previously submitted 1993 UST Closure Report, and 2000 fingerprinting analysis. 10/22/08 - Meeting with Hess, Envirotrac, and NYSDEC. Re-send 93 report and fingerprinting report to Hess. 11/6/08 - Carlson: Reviewed the October 2008 update report. Wells sampled on 8/29/08. Maximum BTEX concentration 1,187 ppb (MW5). Maximum MTBE concentration 683 ppb (MW9). LNAPL in three wells - MW8, MVE2, and SVE1. EFR events planned. Has Hess reviewed the Gassman file yet? 12/10/08: Emailed Hess/Envirotrac 93 report and fingerprinting report. 3/18/09 - Carlson: Meeting with Hess and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

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EDR ID Number
EPA ID Number

HESS STATION 32506 (Continued)

S104275675

Envirotrac. Hess did not receive emailed reports. Hess will FOIL Gassman file and submit RAP in July 2009. 3/25/09 - Carlson: Mailed cd with Envirotrac 93 report and 2000 fingerprinting report to Ed Russo. 5/7/09 - Carlson: Reviewed April 2009 Update Report. Wells sampled on 2/26/09. 0.1 ft of LNAPL in SVE1. Maximum BTEX concentration 8,181 ppb (MW5). Hess will review Gassman file and historic reports for the site. EFR conducted monthly. 8/10/09 - Carlson: Reviewed July 2009 Update Report. Wells sampled on 5/20/09. Sheenin MW8 and MVE2. EFR conducted monthly. Report states Hess will review historic files and Gassman case. 8/19/09 - Carlson: Meeting with Hess. Hess will review historic files and issue response. 9/22/09 - Carlson: Received letter dated 9/21/09 from Envirotrac regarding review of Gassman/Hess spills. Envirotrac did not receive review entire Gassman file. Left message for Ed Russo. They need to re-FOIL Gassman file and resubmit evaluation. Received email with FOIL application dated April 2009, gave to DEC Leung for processing. 11/17/09 - Carlson: Reviewed update report. Report states Gassman evaluation will be submitted in October - evaluation overdue. 1/26/2010 - Carlson: Received report on review of Gassman file. Report states Hess still feels Gassman is a source of contamination for Hess property. 1/27/2010 - Carlson: Meeting with Hess and Envirotrac. Gassman property only has low level impact present. It is not a significant source of petroleum contamination for Hess. A remedial action plan is required by March 2010. Hess does not have a copy of the November 2009 Gassman report. 2/5/2010 - Carlson: Reviewed 4th Quarter 2009 Update Report dated January 2010. Wells sampled on 11/12/2009. Maximum BTEX concentration 4,959 ppb (MW5). 2/16/2010 - Carlson: Issued letter requiring RAP by March 31, 2010. 4/13/2010 - Carlson: Approved Pilot Test Work Plan for installation of 5 air sparge wells and SVE/AS pilot testing. Pilot test report/RAP due 8/15/2010. 5/6/2010 - Carlson: Received email - drilling scheduled for 5/11/2010. 5/20/2010 - Carlson: Meeting held with hess. Pilot test completed. Additional wells will be installed. 5/28/2010 - Carlson: Reviewed April 2010 update report. Pilot test study to be completed. 8/13/2010 - Carlson: Reviewed July 2010 Update Report. LNAPL in two wells. Six AS, two SVE well installed. MW8 reinstalled in May 2010. Soil data for new wells included. 9/16/2010 - Carlson: Reviewed RAP. Several discrepancies between text and figures, product recovery not addressed. Sent email requiring revised RAWP in 30 days. 3/11/11 - Obligado - In response from request from Ed Russo, I sent a Stipulation and Corrective Action Plan to John Engdahl. Stipulation Agreement is necessary for air discharge. 3/23/11 - Obligado - I received a email request from Ed Russo requesting to star the system before Stipulation Agreement is signed. I rejected the request and also required a RAP Addendum with the following: 1) As Built System Design Drawings 2) Revised OMM Plan: During the proposed 30 day start-up period, air samples will collected for laboratory analysis on a weekly basis. Air samples will be analyzed for full list VOCs for 24 hour turnaround. Electronic copies of analytical results will be emailed to my attention. 3) SVES Data Sheet (Stipulation Guidance Appendix 2-1) 4) Contingency Plan for presence of LNAPL. 4/4/11 - Obligado - I received the Addendum. I emailed Ed Russo requiring P.E. Stamped design drawings. 5/9/11 - Obligado - RAP Addendum and Design Drawings Submitted. 10/28/2011 - Carlson: Received email notification - SVE/AS 30 day test period startup planned for 11/1/11. After 30 days system will be shut down and startup report submitted for DEC approval. 11/14/2011 - Carlson: Reviewed October 2011 Update Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HESS STATION 32506 (Continued)

S104275675

LNAPL hand bailed from MW8R and MVE1. System startup in progress. 12/6/11 - Carlson: Reviewed weekly SVE effluent air sample collected on 11/9/11 during 30 day system startup. Benzene is below discharge limit. 12/19/11 - Carlson: Reviewed email with weekly SVE effluent air sample collected on 11/17/11. Benzene is below discharge limit. 12/30/11 - Carlson: Reviewed email with weekly SVE effluent air sample collected on 11/23/11. Benzene is below discharge limit. Reviewed email with weekly SVE effluent air sample collected on 11/30/11. Benzene is below discharge limit. 1/31/2012 - Carlson: Received system startup report. Benzene emission is within standard. System is operating as designed. Approved of system startup. 2/7/2012 - Carlson: Received email - system startup scheduled for 2/8/2012. 8/24/2012 - 1Q2012, 4/30/2012, by EnviroTrac. The groundwater was sampled 2/8/2012. DTW 7.81 to 11.64'. Flows to northeast. SVE/AS is operating. MW-5, 2,990.6 BTEX, MTBE ND. MW-2, 7.26J BTEX, 26.2 MTBE. MVE-3, 309.1 BTEX, 67.6 MTBE. MW-7, 65.8 BTEX, 9.3 MTBE. MW-9, 506.3 BTEX, 185 MTBE. MW-8R, 79.14J BTEX, 14.9 MTBE. MVE-1, 15.8 BTEX, 24.5 MTBE. MVE-2, 246.7 BTEX, 43.3 MTBE. SVE-1, 9.01J BTEX, 9.6 MTBE. No SVE effluent was sampled. 10/12/2012, 2Q2012, 7/31/2012, by EnviroTrac. The groundwater was sampled on 5/8/2012. DTW 7.88 to 12.05. Flows to northeast. SVE/AS in operation. Monthly SVE/AS system OM&M. The next sampling will be in August 2012. MW-8R, 0.06' LNAPL. MW-2, 8.53J BTEX, 25.4 MTBE. MVE-3, 0.65J BTEX, 32.6 MTBE. MW-7, BTEX ND, 2.6 MTBE. MW-9, 25.61J BTEX, 124 MTBE. MW-3, BTEX ND, 5.6 MTBE. MVE-2, BTEX ND, 4.2 MTBE. SVE-1, BTEX ND, 4.5 MTBE. MW-5, 14.97J BTEX, 4.0 MTBE. 1/18/2013 - 3Q2012, 10/31/2012, by EnviroTrac. The groundwater was sampled on 8/8/2012. 6/8, 7/31, and 8/8/2012, conducted AS/SVE operation and maintenance. DTW 7.88 to 12.05 bg. Flows to northeast. MW-5, 285.4 BTEX, 1.1 MTBE. MW-9, 16.94J BTEX, 55.1 MTBE. MWV-3, 0.93J BTEX, 12.4 MTBE. MW-2, 3.23J BTEX, 19.6 MTBE. 9/23/2013 - 4Q2012, 1/31/2013, by EnviroTrac. The groundwater was sampled on 11/12/2012. AS/SVE operational. On 9/12, 10/23, 11/12/2012, conducted AS/SVE O&M. DTW 6.29 to 10.25 feet. Flows to northeast. MW-5, 29.37J BTEX, 1.3 MTBE. MW-2, 4.15J BTEX, 15.1 MTBE. MVE-3, 2.75J BTEX, 11.4 MTBE. MW-9, 4.68J BTEX, 31.5 MTBE. 1Q2013, 4/30/2013, by EnviroTrac. The groundwater was sampled on 2/14/2013. SVE/AS operational. On 12/11/2012, 1/16, 2/14/2013, conducted SVE/AS O&M. DTW 7.85 to 11.76 feet. Flows to northeast. MW-5, 20.83J BTEX, 0.72J MTBE. MW-4, BTEX ND, 13.2 MTBE. MW-2, 3.29J BTEX, 11.3 MTBE. MVE-3, 1.42J BTEX, 8.9 MTBE. MW-9, 0.72J BTEX, 17.7 MTBE. 2/25/2014 - Reviewed the Work Plan for Spill Closure 12/6/2013. EnviroTrac proposed to do 11 soil borings for soil sampling. Provided comments. edoc 2/26/2014 - EnviroTrac responded to our comments. Work Plan is approved. eDoc. 11/14/2014 - 2Q2014, 7/31/2014. SVE/AS shutdown 3/19/2013. 5/21/2014, sampled groundwater. DTW 6.92 to 11.44 feet. Flows to northeast. MW-5, 230.6 BTEX. MW-7, 17.6J BTEX, 17.3 MTBE. MW-9, 168.8 BTEX, 75.1 MTBE. 11/17/2014 - 3Q2014, 11/7/2014. 7/10, 8/6 and 8/3/2014, STREs on select wells. 8/19/2014, sampled groundwater. DTW 7.56 to 11.97 feet. Flows to northeast. MW-5, 51.28J BTEX. MVE-3, 25.7 BTEX, 28.4 MTBE. MW-9, 53.61J BTEX. MVE-2, 49.71J BTEX, 10.7 MTBE. SVE-1, 0.06' LNAPL. 1/26/2015 - 4Q2014, 1/26/2015. 11/1/2014, gauged and sampled 12 monitoring wells. DTW 7.39 to 12.53 feet. Flows to northeast. MW-5, 20.32 J BTEX. MVE-3, 23.6 BTEX, 23.9 MTBE. MW-9, 31.88 J BTEX, 57.8 MTBE. MVE-2, 81.83 J BTEX, 10.5 MTBE. 3/24/2016 - Reviewed Spill Closure Request dated 3/2/2015 and spill history. Discussed with Jeff Vought and the spill is closed based on: 1) Sources removal have been done. In 7/1992, (1) 2,000-gallon single

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HESS STATION 32506 (Continued)

S104275675

wall steel UST and (1) 550-gallon single wall steel UST were removed from the site. During this USTs removal, a total of 46 tons of petroleum impacted soil was excavated and disposed. 2) Another sources removal have been done. In 7/1994, (4) 4,000-gallon steel single wall USTs, (2) 2,000-gallon steel single wall USTs, (36) abandoned 550-gallon steel single wall USTs, and (1) 550-gallon double wall fiberglass wastewater UST were removed from the site. A total of 1,080 tons of petroleum impacted soil was removed. 3) Delineation of soil contamination has been completed. Soil borings/monitoring wells have been installed around the site to delineate soil contamination. The investigations indicated that the soil contamination remain in the former 550-gallon waste water UST area, former (36) abandoned 550-gallon USTs area and the northern portion area adjacent to the canopy area. 4) Delineation of groundwater contamination has been completed. The groundwater flows consistently toward northeast. Downgradient monitoring wells MW-4, MW-5 and MW-6 have shown downward trends in BTEX concentration for years. 5) Product in SVE-1 was last seen on 8/19/2014. Product recovery effort including hand bailing aggressively during site visits according to EnviroTrac email on 4/23/2015. And according to EnviroTrac email 3/2/2016, EnviroTrac has gauged the SVE-1 and found no LNAPL on 10/20/2015. 6) In 11/2006, 60 lbs of ORC was injected into 2 Geoprobe points surrounding MW-5. 7) SVE/AS system has been operational from 11/2011 to 3/2013. The system was shut down due to asymptotic conditions. 8) Confirmatory soil sampling in 5/2014 show remaining soil contamination at the northern portion adjacent to the canopy area, i.e. B-9 at 10-15 feet bgs. Vertical delineation at 25-30 feet indicate no soil contamination. Low groundwater concentration suggested that the remaining soil contamination is no longer impacting the groundwater. 9) As of 4th quarter 2014 monitoring data, overall groundwater concentration has shown low/downward trend in all the wells. The maximum BTEX was detected in MVE-2 with 81.83 ug/L. 10) The site is still an active gasoline station. No plan to change the use of the site at the time of this spill closure. 11) Inclusion of remaining contamination language in the spill closure letter in case site is redeveloped. Spill is closed. Spill closure letter to Hess/EnviroTrac."

Remarks: "DISCOVERED SOIL IN TANK PULL. SOIL BEING STOCK PILE"

Material:

Site ID: 68189
Operable Unit ID: 999295
Operable Unit: 01
Material ID: 381621
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

EDR ID Number
EPA ID Number

AD153
ESE
1/8-1/4
0.201 mi.
1060 ft.

SPEEDWAY 7811
126 BRUCKNER BLVD
BRONX, NY 10454

RCRA-CESQG
NY UST
NY MANIFEST

1000263767
NYD982185605

Site 2 of 3 in cluster AD

Relative:
Lower

RCRA-CESQG:

Date form received by agency: 09/21/2016
Facility name: SPEEDWAY 7811
Facility address: 126 BRUCKNER BLVD
BRONX, NY 10454-4620
EPA ID: NYD982185605
Mailing address: PO BOX 1500
SPRINGFIELD, OH 45501-1500
Contact: CHARLES A BESSE
Contact address: PO BOX 1500
SPRINGFIELD, OH 45501-1500

Actual:
18 ft.

Contact country: US
Contact telephone: 937-863-6272
Contact email: CABESSE@SPEEDWAY.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: MERIT OIL CORP
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SPEEDWAY LLC
Owner/operator address: PO BOX 1500
SPRINGFIELD, OH 45501

Owner/operator country: US
Owner/operator telephone: 937-864-3000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 10/01/2014
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
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: SPEEDWAY LLC
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/01/2014
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Site name: MERIT OIL CORP
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Site name: MERIT OIL CORP
Classification: Not a generator, verified

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

UST:

Id/Status: 2-297658 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 07/30/2018
UTM X: 591001.09106
UTM Y: 4517544.31481
Site Type: Retail Gasoline Sales

Affiliation Records:

Site Id: 13755
Affiliation Type: Facility Owner
Company Name: 24 INDIAN HEAD HOLDINGS CORP
Contact Type: LICENSE COORDINATOR
Contact Name: JANICE FLAHERTY
Address1: 24 INDIAN HEAD DR
Address2: Not reported
City: SAYVILLE
State: NY
Zip Code: 11782
Country Code: 001
Phone: (631) 463-1498
EMail: Not reported
Fax Number: Not reported
Modified By: SJVANDEU
Date Last Modified: 2015-08-10

Site Id: 13755
Affiliation Type: Emergency Contact
Company Name: HESS RETAIL STORES LLC
Contact Type: Not reported
Contact Name: SCOTT FLEMING
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (937) 207-1832
EMail: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Fax Number: Not reported
Modified By: MSALI
Date Last Modified: 2015-12-09

Site Id: 13755
Affiliation Type: Mail Contact
Company Name: SPEEDWAY LLC
Contact Type: Not reported
Contact Name: SCOTT FLEMING
Address1: 500 SPEEDWAY DRIVE
Address2: Not reported
City: ENON
State: OH
Zip Code: 45323
Country Code: 001
Phone: (937) 863-6624
EMail: SJFLEMING@SPEEDWAY.COM
Fax Number: Not reported
Modified By: JAAVERSA
Date Last Modified: 2015-12-11

Site Id: 13755
Affiliation Type: Facility Operator
Company Name: Not reported
Contact Type: Not reported
Contact Name: MICHAEL MATRI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (585) 349-3056
EMail: Not reported
Fax Number: Not reported
Modified By: SJWALSH
Date Last Modified: 2016-12-01

Tank Info:

Tank Number: 0A9
Tank ID: 15863
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
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

SPEEDWAY 7811 (Continued)

1000263767

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None

Tank Number: 0F8
Tank ID: 15862
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 07/01/1979
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 0W7
Tank ID: 15861
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 07/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 02
Date Test: 05/01/1991
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D10 - Pipe Type - Copper
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Number: 1
Tank ID: 48322
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 08/01/1994
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: 09
Date Test: 02/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 04/14/2017

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Tank ID: 48323
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 08/01/1994
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: 09
Date Test: 02/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 3
Tank ID: 48324
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 08/01/1994
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: 09
Date Test: 02/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 04/14/2017

Equipment Records:

L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

- E04 - Piping Secondary Containment - Double walled UG
- J01 - Dispenser - Pressurized Dispenser
- B04 - Tank External Protection - Fiberglass
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- I02 - Overfill - High Level Alarm
- K01 - Spill Prevention - Catch Basin
- A00 - Tank Internal Protection - None
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I03 - Overfill - Automatic Shut-Off
- C02 - Pipe Location - Underground/On-ground
- F04 - Pipe External Protection - Fiberglass
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 37
Tank ID: 15855
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 09/01/1979
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: 02
Date Test: 09/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

- B00 - Tank External Protection - None
- D02 - Pipe Type - Galvanized Steel
- F00 - Pipe External Protection - None
- J02 - Dispenser - Suction Dispenser
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- I01 - Overfill - Float Vent Valve
- A00 - Tank Internal Protection - None
- H99 - Tank Leak Detection - Other

Tank Number: 38
Tank ID: 15856
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 09/01/1979
Date Tank Closed: 07/01/1994
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

SPEEDWAY 7811 (Continued)

1000263767

Common Name of Substance: Gasoline

Tightness Test Method: 02
Date Test: 09/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

Tank Number: 39
Tank ID: 15857
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 09/01/1979
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: 02
Date Test: 09/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

Tank Number: 4
Tank ID: 48325
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Install Date: 08/01/1994
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: 09
Date Test: 02/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 04/14/2017

Equipment Records:

J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
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)

Tank Number: 40
Tank ID: 15858
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 09/01/1979
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: 02
Date Test: 09/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H99 - Tank Leak Detection - Other

Tank Number: 41
Tank ID: 15859
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 09/01/1979
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: 02
Date Test: 09/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

Tank Number: 42
Tank ID: 15860
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 09/01/1979
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: 02
Date Test: 09/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
H99 - Tank Leak Detection - Other

Tank Number: 45
Tank ID: 45682
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 07/01/1992
Date Tank Closed: 07/01/1994
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 09
Date Test: 02/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
B04 - Tank External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H99 - Tank Leak Detection - Other
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 5
Tank ID: 48326
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 08/01/1994
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

SPEEDWAY 7811 (Continued)

1000263767

Tightness Test Method: 09
Date Test: 02/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NTFREEMA
Last Modified: 04/14/2017

Equipment Records:

- I02 - Overfill - High Level Alarm
- K01 - Spill Prevention - Catch Basin
- L09 - Piping Leak Detection - Exempt Suction Piping
- D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
- B04 - Tank External Protection - Fiberglass
- E04 - Piping Secondary Containment - Double walled UG
- I03 - Overfill - Automatic Shut-Off
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- A00 - Tank Internal Protection - None
- J02 - Dispenser - Suction Dispenser
- L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
- C02 - Pipe Location - Underground/On-ground
- F04 - Pipe External Protection - Fiberglass
- G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 6
Tank ID: 49599
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 600
Install Date: 08/01/1994
Date Tank Closed: 12/01/2010
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 09
Date Test: 02/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

- C00 - Pipe Location - No Piping
- F00 - Pipe External Protection - None
- A00 - Tank Internal Protection - None
- H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
- I03 - Overfill - Automatic Shut-Off
- B04 - Tank External Protection - Fiberglass
- E00 - Piping Secondary Containment - None
- I02 - Overfill - High Level Alarm
- K00 - Spill Prevention - None
- J00 - Dispenser - None
- D00 - Pipe Type - No Piping
- L00 - Piping Leak Detection - None
- G04 - Tank Secondary Containment - Double-Walled (Underground)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Tank Number: A10
Tank ID: 15864
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None

Tank Number: A11
Tank ID: 15865
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
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

SPEEDWAY 7811 (Continued)

1000263767

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: A12
Tank ID: 15866
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: A13
Tank ID: 15867
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: A14
Tank ID: 15868
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A15
Tank ID: 15869
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
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

SPEEDWAY 7811 (Continued)

1000263767

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None

Tank Number: A16
Tank ID: 15870
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: A17
Tank ID: 15871
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A18
Tank ID: 15872
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: A19

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Tank ID: 15873
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: A20
Tank ID: 15874
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: A21
Tank ID: 15875
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number: A22
Tank ID: 15876
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: A23
Tank ID: 15877
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: A24
Tank ID: 15878
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: A25
Tank ID: 15879
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: A26
Tank ID: 15880
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None

Tank Number: A27
Tank ID: 15881
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: A28
Tank ID: 15882
Tank Status: Closed - In Place

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

- H00 - Tank Leak Detection - None
- I00 - Overfill - None
- C02 - Pipe Location - Underground/On-ground
- G00 - Tank Secondary Containment - None
- J02 - Dispenser - Suction Dispenser
- B00 - Tank External Protection - None
- D02 - Pipe Type - Galvanized Steel
- F00 - Pipe External Protection - None
- A00 - Tank Internal Protection - None

Tank Number: A29
Tank ID: 15883
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

- H00 - Tank Leak Detection - None
- I00 - Overfill - None
- B00 - Tank External Protection - None
- D02 - Pipe Type - Galvanized Steel
- F00 - Pipe External Protection - None
- A00 - Tank Internal Protection - None
- 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

SPEEDWAY 7811 (Continued)

1000263767

J02 - Dispenser - Suction Dispenser

Tank Number: A30
Tank ID: 15884
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: A31
Tank ID: 15885
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: A32
Tank ID: 15886
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number: A33
Tank ID: 15887
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
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

SPEEDWAY 7811 (Continued)

1000263767

Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: A34
Tank ID: 15888
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: A35
Tank ID: 15889
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
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

SPEEDWAY 7811 (Continued)

1000263767

Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: A36
Tank ID: 15890
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: A37
Tank ID: 15891
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: A38
Tank ID: 15892
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
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

SPEEDWAY 7811 (Continued)

1000263767

Tank Number: A39
Tank ID: 15893
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: A40
Tank ID: 15894
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: A41
Tank ID: 15895
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number: A42
Tank ID: 15896
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

Tank Number: A43
Tank ID: 15897
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 09/01/1979
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number: A44
Tank ID: 15898
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
H99 - Tank Leak Detection - Other

NY MANIFEST:

Country: USA
EPA ID: NYD982185605
Facility Status: Not reported
Location Address 1: 126 BRUCKNER BOULEVARD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD982185605
Mailing Name: MERIT OIL
Mailing Contact: MERIT OIL
Mailing Address 1: 126 BRUCKNER BOULEVARD
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10454
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 5167314100

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: 01/16/2012
Trans1 Recv Date: 01/16/2012
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/16/2012
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD982185605

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SPEEDWAY 7811 (Continued)

1000263767

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDf ID 1:	NJD002200046
TSDf ID 2:	Not reported
Manifest Tracking Number:	003636422JJK
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:	55.0
Units:	G - Gallons (liquids only)* (8.3 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:	D018
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access
 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

AD154
ESE
1/8-1/4
0.201 mi.
1060 ft.

SPEEDWAY 7811
126 BRUCKNER BLVD
BRONX, NY 10454
Site 3 of 3 in cluster AD

NJ MANIFEST S117984838
N/A

Relative:
Lower

NJ MANIFEST:	
EPA Id:	NYD982185605
Mail Address:	W LANCASTER AVE
Mail City/State/Zip:	HAVERFORD, NY 19041
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

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY 7811 (Continued)

S117984838

Trans Flag:	Not reported
TSDf Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported
Manifest:	
Manifest Number:	003636422JJK
EPA ID:	NYD982185605
Date Shipped:	1/16/2012
TSDf EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDf Received Waste:	Not reported
TSDf EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	HAVERFORD, NY 19041
Reason Load Was Rejected:	Not reported
Waste:	
Manifest Year:	Not reported
Waste Code:	D001 D018
Hand Code:	Not reported
Quantity:	55.00 gallons

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

X155
NE
1/8-1/4
0.202 mi.
1064 ft.

CON EDISON
446 E 136TH ST FRONT OF
BRONX, NY 10451

NY MANIFEST S117063529
N/A

Site 3 of 4 in cluster X

Relative:
Higher

NY MANIFEST:

Country: USA
EPA ID: NYP004559555
Facility Status: Not reported
Location Address 1: 446 E 136 ST
Code: BP
Location Address 2: SB 6341
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
49 ft.

NY MANIFEST:

EPAID: NYP004559555
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2014
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 06/10/2014
Trans1 Recv Date: 06/10/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/11/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004559555
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002423057GBF
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)

S117063529

Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 50
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

X156
NE
1/8-1/4
0.202 mi.
1064 ft.

CON EDISON SERVICE BOX: 6341
446 E 136TH ST FRONT OF
BRONX, NY 10451

RCRA NonGen / NLR 1017778042
FINDS NYP004559555

Site 4 of 4 in cluster X

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 07/10/2014

Facility name: CON EDISON SERVICE BOX: 6341

Facility address: 446 E 136TH ST FRONT OF
BRONX, NY 10451

EPA ID: NYP004559555

Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Not reported

Contact country: Not reported

Contact telephone: 212-460-3770

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 6341 (Continued)

1017778042

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: 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: 110063829399

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AA157
East
1/8-1/4
0.205 mi.
1081 ft.

CON EDISON
125 BRUCKNER BLVD
BRONX, NY 10455
Site 4 of 4 in cluster AA

RCRA NonGen / NLR **1012184998**
NY MANIFEST **NYP004157657**
NJ MANIFEST

Relative:
Lower

RCRA NonGen / NLR:
Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: 125 BRUCKNER BLVD
BRONX, NY 10455
EPA ID: NYP004157657
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: PATRICK HANLEY
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 718-204-4234
Contact email: Not reported
EPA Region: 02

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012184998

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/31/2008
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004157657
Facility Status: Not reported
Location Address 1: BRUCKNER BLVD & BROOK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: MT VERNON
Location State: NY
Location Zip: 10550
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004157657
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN 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: 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)

1012184998

Year: 2008
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 03/31/2008
Trans1 Recv Date: 03/31/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/01/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004157657
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 003535359JJK
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: 200.0
Units: G - Gallons (liquids only)* (8.3 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: Not reported
Waste Code 1_2: D008
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:

EPA Id: NYP004157657
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: PATRICK HANLEY
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012184998

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: 003535359JJK
EPA ID: NYP004157657
Date Shipped: 03/31/2008
TSDf EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 03/31/2008
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: 04/01/2008
TSDf EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:

Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 200 G

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AE158
NNE
1/8-1/4
0.205 mi.
1082 ft.

CON EDISON SERVICE BOX: 11387
178 WILLIS AVE FRONT OF
BRONX, NY 10454

RCRA NonGen / NLR
FINDS 1017778609
NYP004565487

Site 1 of 4 in cluster AE

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 07/16/2014

Facility name: CON EDISON SERVICE BOX: 11387

Facility address: 178 WILLIS AVE FRONT OF
BRONX, NY 10454

EPA ID: NYP004565487

Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Contact address: 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: 06/16/2014

Site name: CON EDISON

Classification: Large Quantity Generator

Date form received by agency: 06/16/2014

Site name: CON EDISON

Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063841151

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON SERVICE BOX: 11387 (Continued)

1017778609

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AE159	CON EDISON	NY MANIFEST	S117064086
NNE	178 WILLIS AVE FRONT OF		N/A
1/8-1/4	BRONX, NY 10454		
0.205 mi.			
1082 ft.	Site 2 of 4 in cluster AE		

**Relative:
Higher**

NY MANIFEST:
 Country: USA
 EPA ID: NYP004565487
 Facility Status: Not reported
 Location Address 1: 178 WILLIS AV
 Code: BP
 Location Address 2: SB11387
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10461
 Location Zip 4: Not reported

**Actual:
42 ft.**

NY MANIFEST:
 EPAID: NYP004565487
 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: NJD003812047
 Trans2 State ID: Not reported
 Generator Ship Date: 06/16/2014
 Trans1 Recv Date: 06/16/2014
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 06/17/2014
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004565487
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSDF ID 1: NJD991291105

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S117064086

TSDF ID 2: Not reported
 Manifest Tracking Number: 002502375GBF
 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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AF160
 NW
 1/8-1/4
 0.205 mi.
 1084 ft.**

**CON EDISON
 81 ALEXANDER ST
 BRONX, NY 10454
 Site 1 of 3 in cluster AF**

**NY MANIFEST S119074164
 N/A**

**Relative:
 Lower**

NY MANIFEST:
 Country: USA
 EPA ID: NYP004763082
 Facility Status: Not reported
 Location Address 1: 81 ALEXANDER
 Code: BP
 Location Address 2: M 506
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

**Actual:
 17 ft.**

NY MANIFEST:
 EPAID: NYP004763082
 Mailing Name: CON EDISON

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119074164

Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 04/04/2015
Trans1 Recv Date: 04/04/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/07/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004763082
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002611698GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S119074164

Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

AF161
NW
1/8-1/4
0.205 mi.
1084 ft.

CON EDISON
81 ALEXANDER ST
BRONX, NY 10454

NJ MANIFEST S120670056
N/A

Site 2 of 3 in cluster AF

Relative:
Lower

NJ MANIFEST:
EPA Id: NYP004763082
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDf Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Actual:
17 ft.

Manifest:
Manifest Number: 002611698GBF
EPA ID: NYP004763082
Date Shipped: 4/4/2015
TSDf EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDf Received Waste: Not reported
TSDf 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

CON EDISON (Continued)

S120670056

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

**AF162
 NW
 1/8-1/4
 0.205 mi.
 1084 ft.**

**CON EDISON
 81 ALEXANDER ST
 BRONX, NY 10454
 Site 3 of 3 in cluster AF**

**RCRA NonGen / NLR 1019901536
 NYP004763082**

**Relative:
 Lower**

RCRA NonGen / NLR:

Date form received by agency: 04/04/2015

Facility name: CON EDISON

**Actual:
 17 ft.**

Facility address: 81 ALEXANDER ST
 BRONX, NY 10454

EPA ID: NYP004763082

Mailing address: IRVING PL 15TH FL NE
 NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Contact address: Not reported

Contact country: Not reported

Contact telephone: 212-460-3770

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019901536

Historical Generators:

Date form received by agency: 04/04/2015
Site name: CON EDISON
Classification: Small Quantity Generator

Violation Status: No violations found

**AC163
NW
1/8-1/4
0.207 mi.
1091 ft.**

**CON EDISON MANHOLE 506
ALEXANDER AVE & BRUCKNER BLVD
BRONX, NY 10455
Site 3 of 10 in cluster AC**

**RCRA NonGen / NLR
NY MANIFEST
NJ MANIFEST**

**1014918553
NYP004221693**

**Relative:
Lower**

RCRA NonGen / NLR:

Date form received by agency: 01/10/2011
Facility name: CON EDISON MANHOLE 506
Facility address: ALEXANDER AVE & BRUCKNER BLVD
BRONX, NY 10455

**Actual:
17 ft.**

EPA ID: NYP004221693
Mailing address: 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
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: 12/11/2010
Site name: CON EDISON MANHOLE 506
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004221693

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 506 (Continued)

1014918553

Facility Status: Not reported
Location Address 1: ALEXANDER & BRUCKNER
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: NYP004221693
Mailing Name: CONSOLIDATED EDISON - MH 506
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: NYD
Trans2 State ID: Not reported
Generator Ship Date: 12/11/2010
Trans1 Recv Date: 12/11/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/13/2010
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004221693
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 001057801GBF
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 506 (Continued)

1014918553

Waste Code: Not reported
Waste Code: Not reported
Quantity: 200.0
Units: P - Pounds
Number of Containers: 1.0
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:

EPA Id: NYP004221693
Mail Address: 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: 001057801GBF
EPA ID: NYP004221693
Date Shipped: 12/11/2010
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: 12/11/2010
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 506 (Continued)

1014918553

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: 12/13/2010
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: 200 P

AC164
NW
1/8-1/4
0.207 mi.
1091 ft.

**CON EDISON SERVICE BOX: 21971
BRUCKNER BLVD & ALEXANDER AVE
BRONX, NY 10459**
Site 4 of 10 in cluster AC

RCRA NonGen / NLR
FINDS
1017773386
NYP004511663

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 05/25/2014
Facility name: CON EDISON SERVICE BOX: 21971
Facility address: BRUCKNER BLVD & ALEXANDER AVE
SB21971
BRONX, NY 10459
EPA ID: NYP004511663
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:
17 ft.

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

CON EDISON SERVICE BOX: 21971 (Continued)

1017773386

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: 04/25/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 04/25/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063774768

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AC165
NW
1/8-1/4
0.207 mi.
1091 ft.

CON EDISON
BRUCKNER BLVD & ALEXANDER AVE
BRONX, NY 10459

NY MANIFEST S117059025
N/A

Site 5 of 10 in cluster AC

Relative:
Lower

NY MANIFEST:
Country: USA
EPA ID: NYP004511663
Facility Status: Not reported
Location Address 1: BRUNCKER BLVD & ALEXANDER AV
Code: BP
Location Address 2: SB21971
Total Tanks: Not reported
Location City: BRONX
Location State: NY

Actual:
17 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117059025

Location Zip: 10461
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004511663
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: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 04/25/2014
Trans1 Recv Date: 04/25/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/01/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004511663
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002359858GBF
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.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117059025

Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AC166
NW
1/8-1/4
0.207 mi.
1091 ft.

**CONSOLIDATED EDISON
BRUCKNER & ALEXANDER
BRONX, NY**

**NY MANIFEST 1009242041
N/A**

Site 6 of 10 in cluster AC

**Relative:
Lower**

NY MANIFEST:
Country: USA
EPA ID: NYP004106308
Facility Status: Not reported
Location Address 1: BRUCKNER & ALEXANDER
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:
17 ft.**

NY MANIFEST:
EPAID: NYP004106308
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: NJA4071497
Manifest Status: Not reported
seq: 01
Year: 2003
Trans1 State ID: S5811
Trans2 State ID: Not reported
Generator Ship Date: 01/15/2003
Trans1 Recv Date: 01/15/2003
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/15/2003
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004106308

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONSOLIDATED EDISON (Continued)

1009242041

Trans1 EPA ID: NJ0000027193
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: 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: 00001
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

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AC167
NW
1/8-1/4
0.207 mi.
1091 ft.**

**CON EDISON
BRUCKNER BLVD & ALEXANDER AVE
BRONX, NY 10465
Site 7 of 10 in cluster AC**

**NY MANIFEST S117061620
N/A**

**Relative:
Lower**

NY MANIFEST:
Country: USA
EPA ID: NYP004539342
Facility Status: Not reported
Location Address 1: BRUCKNER BLVD & ALEXANDER AVE
Code: BP
Location Address 2: MH 21918
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

**Actual:
17 ft.**

NY MANIFEST:
EPAID: NYP004539342
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117061620

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: MAD039322250
Trans2 State ID: Not reported
Generator Ship Date: 05/21/2014
Trans1 Recv Date: 05/21/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/22/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004539342
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 007021733FLE
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117061620

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AC168
NW
1/8-1/4
0.207 mi.
1091 ft.**

**CON EDISON MANHOLE: 21918
BRUCKNER BLVD & ALEXANDER AVE
BRONX, NY 10465
Site 8 of 10 in cluster AC**

**RCRA NonGen / NLR 1017776085
FINDS NYP004539342**

**Relative:
Lower**

RCRA NonGen / NLR:

Date form received by agency: 06/21/2014

Facility name: CON EDISON MANHOLE: 21918

Facility address: BRUCKNER BLVD & ALEXANDER AVE
BRONX, NY 10465

EPA ID: NYP004539342

Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Not reported

Contact country: Not reported

Contact telephone: 212-460-3770

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Used oil transporter: No

Historical Generators:

Date form received by agency: 05/21/2014

Site name: CON EDISON

Classification: Large Quantity Generator

Date form received by agency: 05/21/2014

Site name: CON EDISON

Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE: 21918 (Continued)

1017776085

Registry ID: 110063804959

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**AC169
NW
1/8-1/4
0.207 mi.
1091 ft.**

**CON EDISON SERVICE BOX: 21967
BRUCKNER BLVD & ALEXANDER AVE
BRONX, NY 10459**

**RCRA NonGen / NLR 1017773392
FINDS NYP004511721**

Site 9 of 10 in cluster AC

**Relative:
Lower**

RCRA NonGen / NLR:

Date form received by agency: 05/25/2014

Facility name: CON EDISON SERVICE BOX: 21967

Facility address: BRUCKNER BLVD & ALEXANDER AVE

SB21967

BRONX, NY 10459

EPA ID: NYP004511721

Mailing address: IRVING PL, 15TH FL NE

NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Not reported

Contact country: Not reported

Contact telephone: 212-460-3770

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 21967 (Continued)

1017773392

Historical Generators:

Date form received by agency: 04/25/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 04/25/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063774820

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

AC170
NW
1/8-1/4
0.207 mi.
1091 ft.

CON EDISON
BRUCKNER BLVD & ALEXANDER AVE
BRONX, NY 10459

NY MANIFEST S117059029
N/A

Site 10 of 10 in cluster AC

Relative:
Lower

NY MANIFEST:
Country: USA
EPA ID: NYP004511721
Facility Status: Not reported
Location Address 1: BRUCKNER BLVD & ALEXANDER AV
Code: BP
Location Address 2: SB21967
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10461
Location Zip 4: Not reported

Actual:
17 ft.

NY MANIFEST:
EPAID: NYP004511721
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117059029

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:	04/25/2014
Trans1 Recv Date:	04/25/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/01/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004511721
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002359885GBF
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:	100
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

AG171 NE 1/8-1/4 0.213 mi. 1123 ft.	PS 43 165 BROWN PL BRONX, NY 10454 Site 1 of 3 in cluster AG	NY Spills NY MANIFEST	1009225987 N/A
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Relative: Higher Actual: 38 ft.	SPILLS: Facility ID: 0807507 Facility Type: ER DER Facility ID: 325839 Site ID: 404858 DEC Region: 2 Spill Date: 2008-10-04 Spill Number/Closed Date: 0807507 / 2008-10-20 Spill Cause: Human Error Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken. SWIS: 0301 Investigator: vszhune Referred To: Not reported Reported to Dept: 2008-10-04 CID: Not reported 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: 2008-10-04 Spill Record Last Update: 2012-10-02 Spiller Name: Not reported Spiller Company: BOARD OF EDUCATION Spiller Address: Not reported Spiller City,St,Zip: NY Spiller Company: 999 Contact Name: RAY LALA Contact Phone: (646) 772-6884 DEC Memo: "10/04/08- zhune responded to this spill. The Custodian Manager Juan Burgos(646) 7240023 said The school have two AST, each one is 75000 gallons. Friday 10/03/08 early in the morning Rapid Petroleum brought the delivery. The delivery was 5500 gallons of #2 oil which were split in both tanks. Friday they did not notice any problem. It was Saturday early in the morning that one of the coustodian cleaner told him there are oil odors in the basement and tank #2 is leaking. Juan Burgos called the Plant Manager Francis Jean. They called Petroleum tank to do the clean up. Approximately 100 gallons of #2 oil went out the tank #2 in the ytank room. The spill was contained in the tank room and it was all cleaned up. Petroleum tank confirmed that there was a hole in the bottom of tank #2. There was some oil smells in the building. I asked the Custodian Manager to keep the buiding ventilated 10/05/08- Zhune went to the site. oil smells were almost gone. 10/15/08- Zhune spoke to the Custodian Manager. He said slight vapors still in the basement. 10/20/08- Zhune spoke to Custodian Manger. He said No vapors in the basement. Spill Closed. 10/02/12- George Breen inspected this site. He said that nothing has been changed. that everything stay same. See inspection report for PBS	
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PS 43 (Continued)

1009225987

Remarks: 2-351814. "
"transferring oil from one tank to another, approx 50 gallons spilled
on ground in tank room. Petroleum tank cleaner on the way to clean it
up."

Material:
Site ID: 404858
Operable Unit ID: 1161503
Operable Unit: 01
Material ID: 2152702
Material Code: 0003A
Material Name: #6 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:

Facility ID: 0611585
Facility Type: ER
DER Facility ID: 325839
Site ID: 376248
DEC Region: 2
Spill Date: 2007-01-18
Spill Number/Closed Date: 0611585 / 2007-01-19
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: SMSANGES
Referred To: Not reported
Reported to Dept: 2007-01-18
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: Not reported
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2007-01-18
Spill Record Last Update: 2007-01-19
Spiller Name: MARIE RUSSO
Spiller Company: SCHOOL
Spiller Address: 165 BROWN PLACE
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: MARIE RUSSO
Contact Phone: (718) 596-4477
DEC Memo: "Sangesland spoke to school custodian. He said school people

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PS 43 (Continued)

1009225987

initially contained the spill to keep it away from a floor drain in the yard. Oil company then spread speedie dry, swept up & steam cleaned. All Cleaned"
Remarks: "OVER ORDER ON SCHOOL'S PARTAND IN PROCESS OF CLEANING UP"
Material:
Site ID: 376248
Operable Unit ID: 1133840
Operable Unit: 01
Material ID: 2123669
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:

NY MANIFEST:

Country: USA
EPA ID: NYD000903484
Facility Status: Not reported
Location Address 1: 165 BROWN PL
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYD000903484
Mailing Name: PS 43
Mailing Contact: PAPA CHRISTA
Mailing Address 1: 165 BROWN PL
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10454
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9999999999

NY MANIFEST:

Document ID: NYG0584829
Manifest Status: Not reported
seq: 01
Year: 1998
Trans1 State ID: NYPD1010
Trans2 State ID: Not reported
Generator Ship Date: 04/28/1998

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PS 43 (Continued)

1009225987

Trans1 Recv Date: 04/28/1998
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 04/28/1998
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYD000903484
 Trans1 EPA ID: NYD077444263
 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: 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: 00800
 Units: P - Pounds
 Number of Containers: 008
 Container Type: DM - Metal drums, barrels
 Handling Method: L Landfill.
 Specific Gravity: 01.00

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AG172
 NE
 1/8-1/4
 0.213 mi.
 1123 ft.**

**PUBLIC SCHOOL 43X
 165 BROWN PL
 BRONX, NY 10454
 Site 2 of 3 in cluster AG**

**RCRA-LQG 1004755969
 NY MANIFEST NY0000903484**

**Relative:
 Higher**

RCRA-LQG:
 Date form received by agency: 02/22/2016
 Facility name: PUBLIC SCHOOL 43X
 Facility address: 165 BROWN PL
 BRONX, NY 10454
 EPA ID: NY0000903484
 Mailing address: THOMSON AVE
 LONG ISLAND CITY, NY 11101
 Contact: ALEXANDER LEMPert
 Contact address: THOMSON AVENUE
 LONG ISLAND CITY, NY 11101
 Contact country: US
 Contact telephone: 718-472-8501

**Actual:
 38 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 43X (Continued)

1004755969

Contact email: ALEMPERT@NYCSCA.ORG
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: NYC BOARD OF EDUCATION
Owner/operator address: 28-11 QUEENS PLZ N
LONG ISLAND CITY, NY 11101
Owner/operator country: Not reported
Owner/operator telephone: 718-349-5600
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NYC DEPARTMENT OF EDUCATION
Owner/operator address: VERNON BLVD
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Owner/operator name: NYC DEPARTMENT OF EDUCATION
Owner/operator address: VERNON BLVD
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 43X (Continued)

1004755969

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: B004
. Waste name: B004

Historical Generators:

Date form received by agency: 10/21/2014
Site name: NYC BD OF ED - PUBLIC SCHOOL 43 BRONX
Classification: Small Quantity Generator

. Waste code: B004
. Waste name: B004

. Waste code: B007
. Waste name: B007

Date form received by agency: 01/01/2007
Site name: NYC BD OF ED - PUBLIC SCHOOL 43 BRONX
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Site name: NYC BD OF ED - PUBLIC SCHOOL 43 BRONX
Classification: Not a generator, verified

Date form received by agency: 07/27/1995
Site name: NYC BD OF ED - PUBLIC SCHOOL 43 BRONX
Classification: Conditionally Exempt Small Quantity Generator

. Waste code: D000
. Waste name: Not Defined

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NY0000903484
Facility Status: Not reported
Location Address 1: 165 BROWN PLACE
Code: BP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 43X (Continued)

1004755969

Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NY0000903484
Mailing Name: NEW YORK CITY B O E
Mailing Contact: JACK BRUCCULERI
Mailing Address 1: 165 BROWN PACE
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10454
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7183495600

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD080631369
Trans2 State ID: NJD054126164
Generator Ship Date: 08/26/2015
Trans1 Recv Date: 08/26/2015
Trans2 Recv Date: 09/01/2015
TSD Site Recv Date: 09/02/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NY0000903484
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: MAC300017498
TSDF ID 2: Not reported
Manifest Tracking Number: 000789188VES
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: H039
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: 2310

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 43X (Continued)

1004755969

Units: K - Kilograms (2.2 pounds)
Number of Containers: 10
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 1
Waste Code: B004
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access
10 additional NY_MANIFEST: record(s) in the EDR Site Report.

**AG173
NE
1/8-1/4
0.213 mi.
1123 ft.**

**PUBLIC SCHOOL 43 - BRONX X043
165 BROWN PLACE
BRONX, NY 10454
Site 3 of 3 in cluster AG**

**NY AST U003394054
N/A**

**Relative:
Higher**

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-351814
Program Type: PBS
UTM X: 590981.04976
UTM Y: 4517822.41039
Expiration Date: 06/28/2018
Site Type: School

**Actual:
38 ft.**

Affiliation Records:
Site Id: 17386
Affiliation Type: Mail Contact
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: MUNENDRA SHARMA
Address1: FIELD OPERATIONS-FUEL DIVISION
Address2: 44-36 VERNON BOULEVARD
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5752
EMail: MSHARMA@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-04-26

Site Id: 17386
Affiliation Type: Emergency Contact
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: KEN MAHADEO
Address1: Not reported
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 43 - BRONX X043 (Continued)

U003394054

City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 210-7918
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-06-12

Site Id: 17386
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5736
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-11-20

Site Id: 17386
Affiliation Type: Facility Operator
Company Name: PUBLIC SCHOOL 43 - BRONX X043
Contact Type: Not reported
Contact Name: JUAN BURGOS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 401-0220
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-07-29

Tank Info:

Tank Number: 001
Tank Id: 34069
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 43 - BRONX X043 (Continued)

U003394054

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/16/1954
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 002
Tank Id: 34070
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None
C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
G02 - Tank Secondary Containment - Vault (w/access)

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 03/16/1954
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 43 - BRONX X043 (Continued)

U003394054

Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

AE174 **SOBRO 402 REALTY, LLC**
NNE **402 EAST 136TH ST**
1/8-1/4 **BRONX, NY 10454**
0.214 mi.
1132 ft. **Site 3 of 4 in cluster AE**

NY AST **A100359165**
N/A

Relative:
Higher

AST:

Actual:
44 ft.

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-611689
Program Type: PBS
UTM X: 590801.83149
UTM Y: 4517950.63158
Expiration Date: 12/13/2021
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 456563
Affiliation Type: Mail Contact
Company Name: MONARCH MGMT, LLC.
Contact Type: Not reported
Contact Name: JACOB SOLEIMANI
Address1: 619 WEST 54TH ST
Address2: SUITE 10A
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (516) 603-5252
EMail: JACOB@MONARCHPROP.COM
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2012-12-07

Site Id: 456563
Affiliation Type: Facility Operator
Company Name: SOBRO 402 REALTY, LLC
Contact Type: Not reported
Contact Name: JAMES CARRANZA
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 232-6532
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2012-12-07

Site Id: 456563
Affiliation Type: Emergency Contact

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOBRO 402 REALTY, LLC (Continued)

A100359165

Company Name: SOBRO 402 REALTY, LLC.
Contact Type: Not reported
Contact Name: JACOB SOLEIMANI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 603-5252
EMail: Not reported
Fax Number: Not reported
Modified By: KAKYER
Date Last Modified: 2012-12-07

Site Id: 456563
Affiliation Type: Facility Owner
Company Name: SOBRO 402 REALTY, LLC.
Contact Type: MANAGING AGENT
Contact Name: JACOB SOLEIMANI
Address1: 619 WEST 54TH ST, 10A
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10019
Country Code: 001
Phone: (212) 603-9948
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-01-04

Tank Info:

Tank Number: 001
Tank Id: 241235
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
Tank Location: 2
Tank Type: Steel Tank in Concrete
Tank Status: In Service
Pipe Model: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SOBRO 402 REALTY, LLC (Continued)

A100359165

Install Date: 06/01/1960
Capacity Gallons: 2500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: DMPOKRZY
Last Modified: 04/14/2017
Material Name: Not reported

**AE175
NNE
1/8-1/4
0.224 mi.
1183 ft.**

**CON EDISON MANHOLE 27041
WILLIS AVE & 136TH ST
BRONX, NY 10451**

**RCRA NonGen / NLR
NY MANIFEST
NJ MANIFEST**

**1014919030
NYP004226512**

Site 4 of 4 in cluster AE

**Relative:
Higher**

RCRA NonGen / NLR:

Date form received by agency: 03/05/2011

Facility name: CON EDISON MANHOLE 27041

Facility address: WILLIS AVE & 136TH ST
BRONX, NY 10451

EPA ID: NYP004226512

Mailing address: IRVING PL RM 828
NEW YORK, NY 10003

Contact: CHRISTOPHER BLAICH

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

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: 02/03/2011

Site name: CON EDISON MANHOLE 27041

Classification: Conditionally Exempt Small Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 27041 (Continued)

1014919030

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004226512
Facility Status: Not reported
Location Address 1: MH 27041
Code: BP
Location Address 2: 210 WILLIS AVE
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004226512
Mailing Name: CONED
Mailing Contact: CONED
Mailing Address 1: 4 IRVING PLACE
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: Not reported

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2011
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 02/03/2011
Trans1 Recv Date: 02/03/2011
Trans2 Recv Date: Not reported
TSD Site Recv Date: 02/03/2011
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004226512
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 007655783JJK
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 27041 (Continued)

1014919030

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: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1.0
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

NJ MANIFEST:

EPA Id: NYP004226512
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
TSD Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:

Manifest Number: 007655783JJK
EPA ID: NYP004226512
Date Shipped: 2/3/2011
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: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON MANHOLE 27041 (Continued)

1014919030

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
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: 150.00 Pounds

AH176
NNW
1/8-1/4
0.225 mi.
1186 ft.

333 ALEXANDER AVE
333 ALEXANDER AVE
BRONX, NY 10451
Site 1 of 2 in cluster AH

NY AST A100355656
N/A

Relative:
Lower

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-237116
Program Type: PBS
UTM X: 590803.43266
UTM Y: 4518480.56669
Expiration Date: 03/06/2021
Site Type: Apartment Building/Office Building

Actual:
18 ft.

Affiliation Records:
Site Id: 8820
Affiliation Type: Facility Operator
Company Name: 333 ALEXANDER AVE
Contact Type: Not reported
Contact Name: NA
Address1: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

333 ALEXANDER AVE (Continued)

A100355656

Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 365-4310
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2016-03-07

Site Id: 8820
Affiliation Type: Emergency Contact
Company Name: PRIEREN REALTY CORP.
Contact Type: Not reported
Contact Name: GANI BAJRAKTARI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 365-4310
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2016-03-07

Site Id: 8820
Affiliation Type: Facility Owner
Company Name: PRIEREN REALTY CORP.
Contact Type: CONSTRUCTION & ENERGY MANAGEMENT
Contact Name: GANI BAJRAKTARI
Address1: 617 EAST 188TH STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10458
Country Code: 001
Phone: (718) 365-4310
EMail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2016-03-07

Site Id: 8820
Affiliation Type: Mail Contact
Company Name: PRIEREN REALTY CORP.
Contact Type: CONSTRUCTION & ENERGY MANAGEMENT
Contact Name: GANI BAJRAKTARI
Address1: 617 EAST 188TH STREET
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10458
Country Code: 001
Phone: (718) 365-4310

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

333 ALEXANDER AVE (Continued)

A100355656

E-Mail: Not reported
Fax Number: Not reported
Modified By: LSZINOMA
Date Last Modified: 2016-03-07

Tank Info:

Tank Number: 001
Tank Id: 17247
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

F02 - Pipe External Protection - Original Sacrificial Anode
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
A99 - Tank Internal Protection - Other
I04 - Overfill - Product Level Gauge (A/G)
B02 - Tank External Protection - Original Sacrificial Anode
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
I05 - Overfill - Vent Whistle

Tank Location: 2
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1950
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: LSZINOMA
Last Modified: 04/14/2017
Material Name: Not reported

AI177
East
1/8-1/4
0.226 mi.
1193 ft.

AAMCO TRANSMISSIONS
131 BRUCKNER BLVD
BRONX, NY 10454
Site 1 of 2 in cluster AI

NY AST 1000446219
RCRA NonGen / NLR NYD986905693
FINDS
ECHO

Relative:
Lower

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-604587
Program Type: PBS
UTM X: 591029.09943
UTM Y: 4517582.64769

Actual:
18 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AAMCO TRANSMISSIONS (Continued)

1000446219

Expiration Date: 06/19/2005
Site Type: Other

Affiliation Records:

Site Id: 26458
Affiliation Type: Facility Owner
Company Name: MIKE-TONE AUTOMATIC TRANSMISSION
Contact Type: Not reported
Contact Name: Not reported
Address1: 131 BRUCKNER BLVD.
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 585-8435
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26458
Affiliation Type: Mail Contact
Company Name: AAMCO TRANSMISSION D/B/A
Contact Type: Not reported
Contact Name: MICHAEL SOLLITTO
Address1: MIKE-TONE TRANSMISSION
Address2: 131 BRUCKNER BLVD.
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 585-8435
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26458
Affiliation Type: Facility Operator
Company Name: AAMCO TRANSMISSIONS
Contact Type: Not reported
Contact Name: MICHAEL SOLLITTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-8435
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 26458
Affiliation Type: Emergency Contact
Company Name: MIKE-TONE AUTOMATIC TRANSMISSION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AAMCO TRANSMISSIONS (Continued)

1000446219

Contact Type: Not reported
Contact Name: MICHAEL SOLLITTO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 585-8435
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank Id: 58265
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
I99 - Overfill - Other

Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: Not reported
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: TRANSLAT
Last Modified: 04/14/2017
Material Name: Not reported

RCRA NonGen / NLR:

Date form received by agency: 01/01/2007
Facility name: AAMCO TRANSMISSIONS
Facility address: 131 BRUCKNER BLVD
BRONX, NY 10454
EPA ID: NYD986905693
Mailing address: BRUCKNER BLVD
BRONX, NY 10454
Contact: MIKE SOLLITTO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AAMCO TRANSMISSIONS (Continued)

1000446219

Contact address: BRUCKNER BLVD
BRONX, NY 10454
Contact country: US
Contact telephone: 718-585-8435
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: AAMCO TRANSMISSIONS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: AAMCO TRANSMISSIONS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: 212-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: 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: AAMCO TRANSMISSIONS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AAMCO TRANSMISSIONS (Continued)

1000446219

Classification: Not a generator, verified
Date form received by agency: 06/25/1990
Site name: AAMCO TRANSMISSIONS
Classification: Unverified
Waste code: D001
Waste name: IGNITABLE WASTE
Violation Status: No violations found

FINDS:

Registry ID: 110004449115

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.

Registry ID: 110019453367

Environmental Interest/Information System

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.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000446219
Registry ID: 110004449115
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110004449115>

**AJ178
NW
1/8-1/4
0.227 mi.
1197 ft.**

**CON EDISON SERVICE BOX: 511
133 ALEXANDER AVE FORNT OF
BRONX, NY 10454**

**RCRA NonGen / NLR 1017776067
FINDS NYP004539169**

Site 1 of 8 in cluster AJ

**Relative:
Lower**

RCRA NonGen / NLR:

Date form received by agency: 06/21/2014
Facility name: CON EDISON SERVICE BOX: 511
Facility address: 133 ALEXANDER AVE FORNT OF
BRONX, NY 10454
EPA ID: NYP004539169
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

**Actual:
17 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 511 (Continued)

1017776067

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: 05/21/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 05/21/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063801916

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AJ179 **CON EDISON**
NW **133 ALEXANDER AVE FORNT OF**
1/8-1/4 **BRONX, NY 10454**
0.227 mi.
1197 ft. **Site 2 of 8 in cluster AJ**

NY MANIFEST **S117061602**
 N/A

Relative:
Lower

NY MANIFEST:
Country: USA
EPA ID: NYP004539169
Facility Status: Not reported
Location Address 1: 133 ALEXANDER AVE
Code: BP
Location Address 2: SB 511
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
17 ft.

NY MANIFEST:
EPAID: NYP004539169
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: 05/21/2014
Trans1 Recv Date: 05/21/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 05/22/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004539169
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002422921GBF
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)

S117061602

Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Waste Code: D008
Waste Code 1_2: Not reported
Waste Code 1_3: Not reported
Waste Code 1_4: Not reported
Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AH180
NNW
1/8-1/4
0.228 mi.
1204 ft.

CON EDISON
E 134TH ST & ALEXANDER AVE
BRONX, NY 10452

RCRA NonGen / NLR 1012185346
NY MANIFEST NYP004161501

Site 2 of 2 in cluster AH

Relative:
Lower

Actual:
18 ft.

RCRA NonGen / NLR:
Date form received by agency: 06/01/2016
Facility name: CON EDISON
Facility address: E 134TH ST & ALEXANDER AVE
BRONX, NY 10452
EPA ID: NYP004161501
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003
Contact: HERMAN BAKER
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: 718-267-3853
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1012185346

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: 09/25/2008
Site name: CON EDISON
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYP004161501
Facility Status: Not reported
Location Address 1: ALEXANDER AVE & E 134TH ST
Code: BP
Location Address 2: MH6135
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYP004161501
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

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: 09/25/2008
Trans1 Recv Date: 09/25/2008
Trans2 Recv Date: Not reported
TSD Site Recv Date: 09/26/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004161501

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

1012185346

Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSDF ID 1: NYD077444263
 TSDF ID 2: Not reported
 Manifest Tracking Number: 001432689FLE
 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: 100.0
 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: D008
 Waste Code 1_2: B007
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AJ181
 NW
 1/8-1/4
 0.229 mi.
 1207 ft.**

**CON EDISON
 135 ALEXANDER AVE
 BRONX, NY 10454
 Site 3 of 8 in cluster AJ**

**NJ MANIFEST S120674867
 N/A**

**Relative:
 Lower**

NJ MANIFEST:
 EPA Id: NYP004817417
 Mail Address: IRVING PL 15TH FL NE
 Mail City/State/Zip: NEW YORK, NY 10003
 Facility Phone: Not reported
 Emergency Phone: Not reported
 Contact: THOMAS TEELING
 Comments: Not reported
 SIC Code: Not reported
 County: NY005
 Municipal: Not reported
 Previous EPA Id: Not reported
 Gen Flag: Not reported

**Actual:
 17 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120674867

Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported
Manifest:	
Manifest Number:	002661232GBF
EPA ID:	NYP004817417
Date Shipped:	8/3/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AJ182
NW
1/8-1/4
0.229 mi.
1207 ft.

CON ED
135 ALEXANDER AVE
BRONX, NY 10454
Site 4 of 8 in cluster AJ

NY MANIFEST S118462655
N/A

Relative:
Lower

NY MANIFEST:
Country: USA
EPA ID: NYP004817417
Facility Status: Not reported
Location Address 1: 135 ALEXANDER AVENUE FO
Code: BP
Location Address 2: SB 512
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
17 ft.

NY MANIFEST:
EPAID: NYP004817417
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: 2015
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 08/03/2015
Trans1 Recv Date: 08/03/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 11/11/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004817417
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002661232GBF
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 ED (Continued)

S118462655

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

[Click this hyperlink](#) while viewing on your computer to access
 1 additional NY_MANIFEST: record(s) in the EDR Site Report.

**AJ183
 NW
 1/8-1/4
 0.229 mi.
 1207 ft.**

**CON EDISON
 135 ALEXANDER AVE
 BRONX, NY 10454
 Site 5 of 8 in cluster AJ**

**RCRA NonGen / NLR 1019906111
 FINDS NYP004817417
 ECHO**

**Relative:
 Lower**

RCRA NonGen / NLR:

Date form received by agency: 08/03/2015

Facility name: CON EDISON

**Actual:
 17 ft.**

Facility address: 135 ALEXANDER AVE
 BRONX, NY 10454

EPA ID: NYP004817417

Mailing address: IRVING PL 15TH FL NE
 NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Not reported

Contact country: Not reported

Contact telephone: 212-460-3770

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

1019906111

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: 08/03/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110069703743

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019906111
Registry ID: 110069703743
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069703743>

AK184
North
1/8-1/4
0.230 mi.
1213 ft.

CON EDISON SERVICE BOX: 6245
355 E 135TH ST
BRONX, NY 10451
Site 1 of 6 in cluster AK

RCRA NonGen / NLR 1017777388
FINDS NYP004552816

Relative:
Higher

RCRA NonGen / NLR:
Date form received by agency: 07/04/2014
Facility name: CON EDISON SERVICE BOX: 6245
Facility address: 355 E 135TH ST
BRONX, NY 10451
EPA ID: NYP004552816
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

Actual:
29 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON SERVICE BOX: 6245 (Continued)

1017777388

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: 06/04/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 06/04/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

FINDS:

Registry ID: 110063813299

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

AK185
North
1/8-1/4
0.230 mi.
1213 ft.

CON EDISON
355 E 135TH ST
BRONX, NY 10451
Site 2 of 6 in cluster AK

NY MANIFEST **S117062890**
N/A

Relative:
Higher

NY MANIFEST:
 Country: USA
 EPA ID: NYP004552816
 Facility Status: Not reported
 Location Address 1: 355 E 135 ST
 Code: BP
 Location Address 2: SB6245
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10461
 Location Zip 4: Not reported

Actual:
29 ft.

NY MANIFEST:
 EPAID: NYP004552816
 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: NJD003812047
 Trans2 State ID: Not reported
 Generator Ship Date: 06/04/2014
 Trans1 Recv Date: 06/04/2014
 Trans2 Recv Date: Not reported
 TSD Site Recv Date: 06/05/2014
 Part A Recv Date: Not reported
 Part B Recv Date: Not reported
 Generator EPA ID: NYP004552816
 Trans1 EPA ID: Not reported
 Trans2 EPA ID: Not reported
 TSDF ID 1: NJD991291105
 TSDF ID 2: Not reported
 Manifest Tracking Number: 002422849GBF
 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)

S117062890

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: 150
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AL186
ENE
1/8-1/4
0.230 mi.
1216 ft.

CON EDISON TRANSFORMER MANHOLE: 697
E 135TH ST & BROOK AVE
BRONX, NY 10451

RCRA NonGen / NLR **1017771502**
NYP004484424

Site 1 of 9 in cluster AL

Relative:
Lower

Actual:
18 ft.

RCRA NonGen / NLR:
 Date form received by agency: 04/30/2014
 Facility name: CON EDISON TRANSFORMER MANHOLE: 697
 Facility address: E 135TH ST & BROOK AVE
 BRONX, NY 10451
 EPA ID: NYP004484424
 Mailing address: IRVING PL, 15TH FL NE
 NEW YORK, NY 10003
 Contact: THOMAS TEELING
 Contact address: Not reported
 Not reported
 Contact country: Not reported
 Contact telephone: 212-460-3770
 Contact email: Not reported
 EPA Region: 02
 Classification: Non-Generator
 Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON TRANSFORMER MANHOLE: 697 (Continued)

1017771502

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: 03/31/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 03/31/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

AL187
ENE
1/8-1/4
0.230 mi.
1216 ft.

CON EDISON
E 135TH ST & BROOK AVE
BRONX, NY 10454

RCRA NonGen / NLR **1014398690**
NYP004210464

Site 2 of 9 in cluster AL

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 07/03/2010
Facility name: CON EDISON
Facility address: E 135TH ST & BROOK AVE
BRONX, NY 10454

EPA ID: NYP004210464
Mailing address: 4 IRVING PL, RM 828
NEW YORK, NY 10003

Contact: DENNIS MICHAELIDES
Contact address: Not reported

Contact address: 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
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

CON EDISON (Continued)

1014398690

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

AL188
ENE
1/8-1/4
0.230 mi.
1216 ft.

**CON EDISION
E 135TH ST & BROOK AVE
BRONX, NY 10451**

**NY MANIFEST S117736248
N/A**

Site 3 of 9 in cluster AL

**Relative:
Lower**

NY MANIFEST:

Country: USA
EPA ID: NYP004484424
Facility Status: Not reported
Location Address 1: EAST 135 & STRBROOK 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:
18 ft.**

NY MANIFEST:

EPAID: NYP004484424
Mailing Name: CON EDISION
Mailing Contact: CON EDISION
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: 03/31/2014
Trans1 Recv Date: 03/31/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/02/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004484424
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
TSD ID 2: Not reported
Manifest Tracking Number: 012771108JJK
Import Indicator: N
Export Indicator: N

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISION (Continued)

S117736248

Discr Quantity Indicator: N
 Discr Type Indicator: N
 Discr Residue Indicator: N
 Discr Partial Reject Indicator: N
 Discr Full Reject Indicator: N
 Manifest Ref Number: Not reported
 Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H110
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 3000
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AL189
ENE
1/8-1/4
0.230 mi.
1216 ft.

CON EDISON
E 135TH ST & BROOK AVE
BRONX, NY 10462
Site 4 of 9 in cluster AL

NY MANIFEST **S117064070**
N/A

Relative:
Lower

NY MANIFEST:
 Country: USA
 EPA ID: NYP004565321
 Facility Status: Not reported
 Location Address 1: E 15 STRS BROOK AV
 Code: BP
 Location Address 2: SB1402
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10461
 Location Zip 4: Not reported

Actual:
18 ft.

NY MANIFEST:
 EPAID: NYP004565321
 Mailing Name: CON EDISON
 Mailing Contact: CON EDISON
 Mailing Address 1: 4 IRVING PL
 Mailing Address 2: 15TH FL
 Mailing City: NEW YORK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117064070

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: 06/16/2014
Trans1 Recv Date: 06/16/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 06/17/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004565321
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002502290GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
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)

S117064070

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AL190
ENE
1/8-1/4
0.230 mi.
1216 ft.

CON EDISON MANHOLE: 1402
E 135TH ST & BROOK AVE
BRONX, NY 10462
Site 5 of 9 in cluster AL

RCRA NonGen / NLR 1017778594
NYP004565321

Relative:
Lower

RCRA NonGen / NLR:

Actual:
18 ft.

Date form received by agency: 07/16/2014
Facility name: CON EDISON MANHOLE: 1402
Facility address: E 135TH ST & BROOK AVE
BRONX, NY 10462
EPA ID: NYP004565321
Mailing address: IRVING PL, 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 06/16/2014
Site name: CON EDISON
Classification: Large Quantity Generator

Date form received by agency: 06/16/2014
Site name: CON EDISON
Classification: Not a generator, verified

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AL191
ENE
1/8-1/4
0.230 mi.
1216 ft.

CON EDISON
E 135 ST & BROOK AVE
BRONX, NY 10454

NY MANIFEST S117313996
N/A

Site 6 of 9 in cluster AL

Relative:
Lower

NY MANIFEST:

Country: USA
EPA ID: NYP004610143
Facility Status: Not reported
Location Address 1: E 135 ST & BROOK AVE
Code: BP
Location Address 2: SB 6269
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
18 ft.

NY MANIFEST:

EPAID: NYP004610143
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: 07/28/2014
Trans1 Recv Date: 07/28/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/29/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004610143
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002562302GBF
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)

S117313996

Alt Facility RCRA ID: Not reported
 Alt Facility Sign Date: Not reported
 MGMT Method Type Code: H110
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Waste Code: Not reported
 Quantity: 1000
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

**AJ192
 NW
 1/8-1/4
 0.230 mi.
 1217 ft.**

**CON ED
 137 ALEXANDER AVE FRONT OF
 BRONX, NY 10454**

**NY MANIFEST S119076965
 N/A**

Site 6 of 8 in cluster AJ

**Relative:
 Lower**

NY MANIFEST:
 Country: USA
 EPA ID: NYP004817532
 Facility Status: Not reported
 Location Address 1: 137 ALEXANDER AVENUE FO
 Code: BP
 Location Address 2: SB 511
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

**Actual:
 17 ft.**

NY MANIFEST:
 EPAID: NYP004817532
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON ED (Continued)

S119076965

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:	08/03/2015
Trans1 Recv Date:	08/03/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/11/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004817532
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002660770GBF
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

[Click this hyperlink](#) while viewing on your computer to access 1 additional NY_MANIFEST: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AJ193
NW
1/8-1/4
0.230 mi.
1217 ft.

CON EDISON
137 ALEXANDER AVE FRONT OF
BRONX, NY 10454
Site 7 of 8 in cluster AJ

NJ MANIFEST S120674878
N/A

Relative:
Lower

NJ MANIFEST:
EPA Id: NYP004817532
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDf Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Actual:
17 ft.

Manifest:
Manifest Number: 002660770GBF
EPA ID: NYP004817532
Date Shipped: 8/3/2015
TSDf EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120674878

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

**AJ194
NW
1/8-1/4
0.230 mi.
1217 ft.**

**CON EDISON
137 ALEXANDER AVE FRONT OF
BRONX, NY 10454**

RCRA NonGen / NLR

**1019906122
NYP004817532**

Site 8 of 8 in cluster AJ

**Relative:
Lower**

RCRA NonGen / NLR:

Date form received by agency: 08/03/2015

Facility name: CON EDISON

**Actual:
17 ft.**

Facility address: 137 ALEXANDER AVE FRONT OF
BRONX, NY 10454

EPA ID: NYP004817532

Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003

Contact: THOMAS TEELING

Contact address: Not reported

Contact country: Not reported

Contact telephone: 212-460-3770

Contact email: Not reported

EPA Region: 02

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 08/03/2015

Site name: CON EDISON

Classification: Large Quantity Generator

Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AL195
ENE
1/8-1/4
0.232 mi.
1223 ft.

CON EDISON
169 BROOKE AVE
BRONX, NY 10454
Site 7 of 9 in cluster AL

NJ MANIFEST S120671571
N/A

Relative:
Lower

NJ MANIFEST:
EPA Id: NYP004780235
Mail Address: IRVING PL 15TH FL NE
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: THOMAS TEELING
Comments: Not reported
SIC Code: Not reported
County: NY005
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Actual:
20 ft.

Manifest:
Manifest Number: 014085225JJK
EPA ID: NYP004780235
Date Shipped: 5/7/2015
TSDF EPA ID: NJD002200046
Transporter EPA ID: NJ0000027193
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S120671571

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

AL196
ENE
1/8-1/4
0.232 mi.
1223 ft.

CON EDISON
169 BROOKE AVE
BRONX, NY 10454

RCRA NonGen / NLR
FINDS
ECHO

1019902992
NYP004780235

Site 8 of 9 in cluster AL

Relative:
Lower

RCRA NonGen / NLR:

Actual:
20 ft.

Date form received by agency: 05/07/2015
Facility name: CON EDISON
Facility address: 169 BROOKE AVE
BRONX, NY 10454
EPA ID: NYP004780235
Mailing address: IRVING PL 15TH FL NE
NEW YORK, NY 10003
Contact: THOMAS TEELING
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: 212-460-3770
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 05/07/2015
Site name: CON EDISON
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

1019902992

Registry ID: 110069702389

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1019902992
 Registry ID: 110069702389
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110069702389>

**AL197
 ENE
 1/8-1/4
 0.232 mi.
 1223 ft.**

**CON EDISON
 169 BROOKE AVE
 BRONX, NY 10454
 Site 9 of 9 in cluster AL**

**NY MANIFEST S119075176
 N/A**

**Relative:
 Lower**

NY MANIFEST:
 Country: USA
 EPA ID: NYP004780235
 Facility Status: Not reported
 Location Address 1: 169 BROOK AVE
 Code: BP
 Location Address 2: TM 697
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

**Actual:
 20 ft.**

NY MANIFEST:
 EPAID: NYP004780235
 Mailing Name: CON EDISON
 Mailing Contact: DENNIS HUACON
 Mailing Address 1: 4 IRVING PL 15TH FL
 Mailing Address 2: Not reported
 Mailing City: NEW YORK
 Mailing State: NY
 Mailing Zip: 10003
 Mailing Zip 4: Not reported
 Mailing Country: USA
 Mailing Phone: 2124603770

NY MANIFEST:
 Document ID: Not reported
 Manifest Status: Not reported
 seq: Not reported
 Year: 2015
 Trans1 State ID: NJ0000027193

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CON EDISON (Continued)

S119075176

Trans2 State ID:	Not reported
Generator Ship Date:	05/07/2015
Trans1 Recv Date:	05/07/2015
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:	NYP004780235
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD002200046
TSD ID 2:	Not reported
Manifest Tracking Number:	014085225JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access
 2 additional NY_MANIFEST: record(s) in the EDR Site Report.

AI198 **ZARO BAKE SHOP INC**
ESE **138 BRUCKNER BOULEVARD**
1/8-1/4 **BRONX, NY 10454**
0.232 mi.
1224 ft. **Site 2 of 2 in cluster AI**

NY UST **U001838850**
NY Spills **N/A**

Relative: **UST:**
Lower **Id/Status:** 2-007641 / Unregulated/Closed
 Program Type: PBS
Actual: **Region:** STATE
18 ft. **DEC Region:** 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZARO BAKE SHOP INC (Continued)

U001838850

Expiration Date: N/A
UTM X: 591067.81597
UTM Y: 4517559.32509
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id: 70
Affiliation Type: Facility Owner
Company Name: ANJOST CORP.
Contact Type: Not reported
Contact Name: Not reported
Address1: 138 BRUCKNER BLVD
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 993-5600
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-07-02

Site Id: 70
Affiliation Type: Mail Contact
Company Name: ZARO BAKE SHOP INC
Contact Type: Not reported
Contact Name: MR. RALPH BEN SHALOM
Address1: 138 BRUCKNER BOULEVARD
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (718) 993-5600
EMail: LMARCO@ZARO.COM
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2013-07-02

Site Id: 70
Affiliation Type: Facility Operator
Company Name: ZARO BAKE SHOP INC
Contact Type: Not reported
Contact Name: ZARO BAKE SHOP INC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 993-5600
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 70

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZARO BAKE SHOP INC (Continued)

U001838850

Affiliation Type: Emergency Contact
Company Name: ZARO BAKE SHOP INC
Contact Type: Not reported
Contact Name: RALPH BEN SHALOM
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 261-8247
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 26837
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 3000
Install Date: 01/01/1982
Date Tank Closed: 06/07/2013
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: 07/22/2008
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: NRLOMBAR
Last Modified: 04/14/2017

Equipment Records:

F99 - Pipe External Protection - Other
B01 - Tank External Protection - Painted/Asphalt Coating
G07 - Tank Secondary Containment - Excavation Liner
D02 - Pipe Type - Galvanized Steel
H04 - Tank Leak Detection - Groundwater Well
J02 - Dispenser - Suction Dispenser
A01 - Tank Internal Protection - Epoxy Liner
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)

SPILLS:

Facility ID: 9804809
Facility Type: ER
DER Facility ID: 259702
Site ID: 322371
DEC Region: 2
Spill Date: 1998-07-17

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ZARO BAKE SHOP INC (Continued)

U001838850

Spill Number/Closed Date: 9804809 / 2003-11-17
Spill Cause: Equipment Failure
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: JXZHAO
Referred To: Not reported
Reported to Dept: 1998-07-17
CID: 370
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: 1998-07-17
Spill Record Last Update: 2003-11-17
Spiller Name: Not reported
Spiller Company: MYSTIC TRANSPORT
Spiller Address: 19-01 STEINWAY ST
Spiller City,St,Zip: ASTORIA, NY 11105-001
Spiller Company: 001
Contact Name: ABOVE CALLER
Contact Phone: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO "
Remarks: "guage malfunction on tank - spill out of vent to concrete - spill contained and cleanup crew enroute"

Material:
Site ID: 322371
Operable Unit ID: 1065854
Operable Unit: 01
Material ID: 319576
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AK199
NNW
1/8-1/4
0.236 mi.
1248 ft.

CON EDISON
335 EAST 135 ST
BRONX, NY 10454
Site 3 of 6 in cluster AK

NY MANIFEST S117067562
N/A

Relative:
Higher

NY MANIFEST:
Country: USA
EPA ID: NYP004605333
Facility Status: Not reported
Location Address 1: 335 EAST 135 ST
Code: BP
Location Address 2: SB 6233
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

Actual:
29 ft.

NY MANIFEST:
EPAID: NYP004605333
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: 07/23/2014
Trans1 Recv Date: 07/23/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/23/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004605333
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: NJD991291105
TSD ID 2: Not reported
Manifest Tracking Number: 002418542GBF
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)

S117067562

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: 100
 Units: P - Pounds
 Number of Containers: 1
 Container Type: TT - Cargo tank, tank trucks
 Handling Method: T Chemical, physical, or biological treatment.
 Specific Gravity: 1
 Waste Code: D008
 Waste Code 1_2: Not reported
 Waste Code 1_3: Not reported
 Waste Code 1_4: Not reported
 Waste Code 1_5: Not reported
 Waste Code 1_6: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

AK200
NNW
1/8-1/4
0.239 mi.
1264 ft.

CON EDISON
333 EAST 135 ST
BRONX, NY 10454
Site 4 of 6 in cluster AK

NY MANIFEST **S117313621**
N/A

Relative:
Higher

NY MANIFEST:
 Country: USA
 EPA ID: NYP004604914
 Facility Status: Not reported
 Location Address 1: 333 EAST 135 ST
 Code: BP
 Location Address 2: SB6243
 Total Tanks: Not reported
 Location City: BRONX
 Location State: NY
 Location Zip: 10454
 Location Zip 4: Not reported

Actual:
29 ft.

NY MANIFEST:
 EPAID: NYP004604914
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CON EDISON (Continued)

S117313621

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:	07/23/2014
Trans1 Recv Date:	07/23/2014
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:	NYP004604914
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSD ID 1:	NJD991291105
TSD ID 2:	Not reported
Manifest Tracking Number:	002503739GBF
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:	400
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access additional NY_MANIFEST: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AK201
NNW
1/8-1/4
0.239 mi.
1264 ft.

PS 154X SCHOOL
333 E 135TH ST
BRONX, NY 10454

Site 5 of 6 in cluster AK

RCRA-LQG 1016974892
NY MANIFEST NYR000213538

Relative:
Higher

RCRA-LQG:

Actual:
29 ft.

Date form received by agency: 02/22/2016
Facility name: PS 154X SCHOOL
Facility address: 333 E 135TH ST
BRONX, NY 10454
EPA ID: NYR000213538
Mailing address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Contact: ALEXANDER LEMPert
Contact address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Contact country: US
Contact telephone: 718-472-8501
Contact email: ALEMPERT@NYCSCA.ORG
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: NYC DEPT OF EDUCATION
Owner/operator address: THOMSON AVE
LONG ISLAND CITY, NY 11101
Owner/operator country: US
Owner/operator telephone: 718-742-8501
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 07/10/1963
Owner/Op end date: Not reported

Owner/operator name: NYC DEPT OF SCHOOL FACILITIES
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PS 154X SCHOOL (Continued)

1016974892

Owner/Op start date: 07/10/1963
Owner/Op end date: Not reported

Owner/operator name: NYC DEPARTMENT OF EDUCATION
Owner/operator address: VERNON BLVD
LONG ISLAND CITY, NY 11101

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Owner/operator name: NYC DEPARTMENT OF EDUCATION
Owner/operator address: VERNON BLVD
LONG ISLAND CITY, NY 11101

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1900
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: B004
. Waste name: B004

Historical Generators:

Date form received by agency: 10/20/2014
Site name: NYC DEPT OF EDUCATION - PS 154 X
Classification: Small Quantity Generator

. Waste code: B004
. Waste name: B004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PS 154X SCHOOL (Continued)

1016974892

. Waste code: B007
. Waste name: B007

Violation Status: No violations found

NY MANIFEST:

Country: USA
EPA ID: NYR000213538
Facility Status: Not reported
Location Address 1: 333 EAST 135TH STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10454
Location Zip 4: Not reported

NY MANIFEST:

EPAID: NYR000213538
Mailing Name: NYC DEPT OF EDUCATION - PS 154 X
Mailing Contact: NYC DEPT OF EDUCATION - PS 154 X
Mailing Address 1: 44-36 VERNON BLVD
Mailing Address 2: Not reported
Mailing City: LONG ISLAND CITY
Mailing State: NY
Mailing Zip: 11101
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7183495645

NY MANIFEST:

Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2015
Trans1 State ID: NJD080631369
Trans2 State ID: NJD054126164
Generator Ship Date: 03/24/2015
Trans1 Recv Date: 03/24/2015
Trans2 Recv Date: 03/31/2015
TSD Site Recv Date: 04/01/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000213538
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSD ID 1: MAC300017498
TSD ID 2: Not reported
Manifest Tracking Number: 000787420VES
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PS 154X SCHOOL (Continued)

1016974892

Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H039
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:	1634
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	7
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	B007
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

[Click this hyperlink](#) while viewing on your computer to access
 3 additional NY_MANIFEST: record(s) in the EDR Site Report.

AK202
NNW
1/8-1/4
0.239 mi.
1264 ft.

PUBLIC SCHOOL 154 - BRONX X154
333 EAST 135TH STREET
BRONX, NY 10454

NY AST **U003394041**
N/A

Site 6 of 6 in cluster AK

Relative:
Higher

AST:	
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-351679
Program Type:	PBS
UTM X:	590579.70057
UTM Y:	4518012.97959
Expiration Date:	06/28/2018
Site Type:	School

Actual:
29 ft.

Affiliation Records:	
Site Id:	17373
Affiliation Type:	Mail Contact
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	MUNENDRA SHARMA
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	MSHARMA@SCHOOLS.NYC.GOV
Fax Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 154 - BRONX X154 (Continued)

U003394041

Modified By: DAFRANCI
Date Last Modified: 2017-04-26

Site Id: 17373
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: Not reported
Address1: 44-36 VERNON BOULEVARD
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5751
EMail: Not reported
Fax Number: Not reported
Modified By: JAAVERSA
Date Last Modified: 2015-10-30

Site Id: 17373
Affiliation Type: Emergency Contact
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: KEN MAHADEO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 210-7918
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-06-12

Site Id: 17373
Affiliation Type: Facility Operator
Company Name: PUBLIC SCHOOL 154 - BRONX X154
Contact Type: Not reported
Contact Name: LESTER EDWARDS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 292-3730
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-07-29

Tank Info:

Tank Number: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 154 - BRONX X154 (Continued)

U003394041

Tank Id: 34043
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
K00 - Spill Prevention - None
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 04/27/1962
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 002
Tank Id: 34044
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle

Tank Location: 3
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PUBLIC SCHOOL 154 - BRONX X154 (Continued)

U003394041

Pipe Model: Not reported
Install Date: 04/27/1962
Capacity Gallons: 7500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: Not reported

203
NW
1/8-1/4
0.242 mi.
1277 ft.

**26 BRUCKNER BLVD
26 BRUCKNER BOULEVARD
BRONX, NY 10454**

**NY AST U003389621
N/A**

**Relative:
Lower**

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-204609
Program Type: PBS
UTM X: 590395.52588
UTM Y: 4517886.13048
Expiration Date: 07/01/2019
Site Type: Other

**Actual:
12 ft.**

Affiliation Records:
Site Id: 7120
Affiliation Type: Mail Contact
Company Name: BRADFORD N SWETT MANAGEMENT
Contact Type: Not reported
Contact Name: CHRISTOPHER BOYLE
Address1: 1536 THIRD AVENUE
Address2: 3RD FLOOR
City: NEW YORK
State: NY
Zip Code: 10028
Country Code: 001
Phone: (212) 772-7550
EMail: ALESYA@BNSMNYC.COM
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-05-19

Site Id: 7120
Affiliation Type: Facility Operator
Company Name: 26 BRUCKNER BLVD
Contact Type: Not reported
Contact Name: GODFREY SPENCER
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

26 BRUCKNER BLVD (Continued)

U003389621

Phone: (212) 772-7550
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-05-19

Site Id: 7120
Affiliation Type: Emergency Contact
Company Name: LIGHT ST. LLC
Contact Type: Not reported
Contact Name: CHRIS BOYLE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (212) 772-7550
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 7120
Affiliation Type: Facility Owner
Company Name: 26 BRUCKNER LLC
Contact Type: MEMBER
Contact Name: CHRISTOPHER BOYLE
Address1: 1536 THIRD AVENUE, 3RD FLOOR
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10028
Country Code: 001
Phone: (212) 772-7550
EMail: Not reported
Fax Number: Not reported
Modified By: NTFREEMA
Date Last Modified: 2015-05-19

Tank Info:

Tank Number: 001
Tank Id: 17023
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

26 BRUCKNER BLVD (Continued)

U003389621

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
Tank Location: 1
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/01/1950
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NTFREEMA
Last Modified: 04/14/2017
Material Name: Not reported

Tank Number: 1
Tank Id: 67245
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J00 - Dispenser - None

Tank Location: 6
Tank Type: Stainless Steel Alloy
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: 08/29/2000
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 08/29/2000
Register: True
Modified By: NTFREEMA
Last Modified: 04/14/2017
Material Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

204
ESE
1/8-1/4
0.245 mi.
1295 ft.

**CLOSED-LACKOF RECENT INFO
(NO STREET INFO)
BRONX, NY**

**NY LTANKS S100145372
N/A**

**Relative:
Lower**

LTANKS:

**Actual:
18 ft.**

Site ID: 109456
Spill Number/Closed Date: 8809318 / 2003-03-05
Spill Date: 1989-03-02
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: ADMIN. CLOSED
Referred To: Not reported
Reported to Dept: 1989-03-02
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: 1989-03-03
Spill Record Last Update: 2003-03-14
Spiller Name: Not reported
Spiller Company: U S POSTAL AUTH
Spiller Address: Not reported
Spiller City,St,Zip: BRONX, NY 10454
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 96085
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
ADMIN.CLOSED 03/05/2003- Closed Due To The Nature / Extent Of The
Spill Report"
Remarks: "TWO 10K TANKS MANIFOLDED TOGETHER. VISIBLE LEAK. NO MORE THAN 10 GAL
ON GROUND.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY
CLEAN UP REQUIREMENTS."

Material:

Site ID: 109456
Operable Unit ID: 925566
Operable Unit: 01
Material ID: 454070
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLOSED-LACKOF RECENT INFO (Continued)

S100145372

Oxygenate: Not reported

Tank Test:
Site ID: 109456
Spill Tank Test: 1535217
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
NW
1/8-1/4
0.246 mi.
1298 ft.**

**BETTER GRO
29-31 BRUCKNER BLVD
BRONX, NY 10461**

**NY MANIFEST 1009244527
N/A**

**Relative:
Lower**

NY MANIFEST:
Country: USA
EPA ID: NYT000907519
Facility Status: Not reported
Location Address 1: 29-31 BRUCKNER BLVD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BRONX
Location State: NY
Location Zip: 10461
Location Zip 4: Not reported

**Actual:
14 ft.**

NY MANIFEST:
EPAID: NYT000907519
Mailing Name: BETTER GRO
Mailing Contact: GINA LAZAZZARA
Mailing Address 1: 29-31 BRUCKNER BLVD
Mailing Address 2: Not reported
Mailing City: BRONX
Mailing State: NY
Mailing Zip: 10461
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2128249654

NY MANIFEST:
Document ID: NJA1674096
Manifest Status: C
seq: Not reported
Year: 1993
Trans1 State ID: NJDEPS581
Trans2 State ID: Not reported
Generator Ship Date: 04/27/1993
Trans1 Recv Date: 04/27/1993
Trans2 Recv Date: / /

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BETTER GRO (Continued)

1009244527

TSD Site Recv Date: 04/27/1993
Part A Recv Date: / /
Part B Recv Date: 05/10/1993
Generator EPA ID: NYT000907519
Trans1 EPA ID: NJD982281016
Trans2 EPA ID: Not reported
TSD ID 1: NJD002200046
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: U240 - 2,4 D,SALTS + ESTERS
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: 00285
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: U240 - 2,4 D,SALTS + ESTERS
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00267
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: D016 - 2,4-D 10.0 MG/L TCLP
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 00213
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: D016 - 2,4-D 10.0 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

BETTER GRO (Continued)

1009244527

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: B Incineration, heat recovery, burning.
Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access
2 additional NY_MANIFEST: record(s) in the EDR Site Report.

206
WNW
1/4-1/2
0.276 mi.
1459 ft.

PETRO RECYCLING LLC (290EAST 132STREET)
290 EAST 132 STREET
BRONX, NY 10454

NY SWF/LF S105841229
N/A

Relative:
Lower

SWF/LF:
Flag: ACTIVE
Region Code: 2
Phone Number: 9147778292
Owner Name: Petro Recycling LLC
Owner Type: Private
Owner Address: 335 Ceater Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Mamaroneck, NY 10543
Owner Email: TGleason@mfmcontracting.com
Owner Phone: 9147778292
Contact Name: Not reported
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: [03W81]
Active: Yes
East Coordinate: 590988
North Coordinate: 4517447
Accuracy Code: 4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status: Registration
Waste Type: Concrete;Asphalt;Rock;Soil (Clean)
Authorization #: 03W81
Authorization Date: Not reported
Expiration Date: Not reported

Actual:
9 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AM207
ESE
1/4-1/2
0.279 mi.
1472 ft.

BRONX GRIT CHAMBER
158 BRUCKNER BLVD
BRONX, NY

NY LTANKS
NY Spills
S104191616
N/A

Site 1 of 2 in cluster AM

Relative:
Lower

LTANKS:

Actual:
18 ft.

Site ID: 138623
Spill Number/Closed Date: 9905318 / 2009-05-01
Spill Date: 1999-08-03
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: JMKRIMGO
Referred To: Not reported
Reported to Dept: 1999-08-03
CID: 252
Water Affected: Not reported
Spill Notifier: Tank Tester
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1999-08-03
Spill Record Last Update: 2009-05-01
Spiller Name: TOM AMESSE
Spiller Company: BRONX SEWAGE TREATMENT
Spiller Address: 158 BRUCKNER BLVD
Spiller City,St,Zip: BRONX, ZZ
Spiller County: 001
Spiller Contact: TOM AMESSE
Spiller Phone: (212) 860-9319
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 118523
DEC Memo: "5/1/09. Duplicated with 0313238. JK. "
Remarks: "WILL EXCAVATE TOP OF TANK AND RE-TEST"

Material:

Site ID: 138623
Operable Unit ID: 1083911
Operable Unit: 01
Material ID: 301618
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:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX GRIT CHAMBER (Continued)

S104191616

Site ID: 138623
Spill Tank Test: 1547443
Tank Number: FAIL
Tank Size: 7500
Test Method: 14
Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified: Not reported
Test Method: VacuTest

SPILLS:

Facility ID: 0810210
Facility Type: ER
DER Facility ID: 118523
Site ID: 407725
DEC Region: 2
Spill Date: 2008-12-12
Spill Number/Closed Date: 0810210 / 2008-12-12
Spill Cause: Equipment Failure
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.

SWIS: 0301
Investigator: smsanges
Referred To: Not reported
Reported to Dept: 2008-12-12
CID: Not reported
Water Affected: EAST RIVER
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Not reported
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2008-12-12
Spill Record Last Update: 2008-12-12
Spiller Name: Not reported
Spiller Company: NYCDEP
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: DALY
Contact Phone: (718) 372-7193
DEC Memo: "heavy rain"
Remarks: "ongoing at this time, unknown discharge volume."

Material:

Site ID: 407725
Operable Unit ID: 1164262
Operable Unit: 01
Material ID: 2155636
Material Code: 1877A
Material Name: waste liquid

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX GRIT CHAMBER (Continued)

S104191616

Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0505949
Facility Type: ER
DER Facility ID: 298313
Site ID: 351054
DEC Region: 2
Spill Date: 2005-08-14
Spill Number/Closed Date: 0505949 / 2005-08-15
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 2401
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2005-08-14
CID: 73
Water Affected: EAST RIVER
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Not reported
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2005-08-15
Spill Record Last Update: 2005-08-15
Spiller Name: HAROLD GRIMES
Spiller Company: BRONX GRID CHAMBER
Spiller Address: 158 BRUCKNER BLVD
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: HAROLD GRIMES
Contact Phone: (212) 860-9364
DEC Memo: ""
Remarks: "SEWER BYPASS - ONGOING."

Material:

Site ID: 351054
Operable Unit ID: 1108591
Operable Unit: 01
Material ID: 2098533
Material Code: 0062A
Material Name: raw sewage
Case No.: Not reported
Material FA: Other
Quantity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX GRIT CHAMBER (Continued)

S104191616

Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0500342
Facility Type: ER
DER Facility ID: 118523
Site ID: 343285
DEC Region: 2
Spill Date: 2005-04-07
Spill Number/Closed Date: 0500342 / 2005-04-08
Spill Cause: Equipment Failure
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: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2005-04-08
CID: 74
Water Affected: EAST RIVER
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: 2005-04-08
Spill Record Last Update: 2005-04-08
Spiller Name: HAROLD GRIMES
Spiller Company: BRONX GRIT CHAMBER
Spiller Address: 158 BRUCKNER BLVD
Spiller City,St,Zip: BRONX, NY 10019
Spiller Company: 001
Contact Name: HAROLD GRIMES
Contact Phone: (212) 860-9364
DEC Memo: "4/8/04 Tipple referred site to water unit//nfa"
Remarks: "Causing the plant to not pump 2 times dry weather pump"

Material:

Site ID: 343285
Operable Unit ID: 1101969
Operable Unit: 01
Material ID: 582204
Material Code: 0062A
Material Name: raw sewage
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Gallons
Recovered: .00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX GRIT CHAMBER (Continued)

S104191616

Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0410975
Facility Type: ER
DER Facility ID: 118523
Site ID: 336078
DEC Region: 2
Spill Date: 2005-01-08
Spill Number/Closed Date: 0410975 / 2005-01-11
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: SMSANGES
Referred To: Not reported
Reported to Dept: 2005-01-08
CID: 38
Water Affected: EAST RIVER
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2005-01-10
Spill Record Last Update: 2005-01-11
Spiller Name: DALY,JAMES
Spiller Company: BRONX GRID CHAMBER
Spiller Address: 158 BRUCKMER AVE.
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: DALY,JAMES
Contact Phone: (718) 372-7193
DEC Memo: ""
Remarks: "overflow due to rain. Facility unable to handle twice the dry weather flow."

Material:

Site ID: 336078
Operable Unit ID: 1098126
Operable Unit: 01
Material ID: 578296
Material Code: 0062A
Material Name: raw sewage
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX GRIT CHAMBER (Continued)

S104191616

Oxygenate: Not reported

Tank Test:

Facility ID: 0400675
Facility Type: ER
DER Facility ID: 118523
Site ID: 138622
DEC Region: 2
Spill Date: 2004-04-13
Spill Number/Closed Date: 0400675 / 2004-04-21
Spill Cause: Human Error
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: SMSANGES
Referred To: Not reported
Reported to Dept: 2004-04-20
CID: 407
Water Affected: Not reported
Spill Source: Major Facility (MOSF) > 400,000 gal
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: 2004-04-20
Spill Record Last Update: 2004-05-03
Spiller Name: JIM MARROW
Spiller Company: PICONE MCULLAH
Spiller Address: 31 GARDEN LANE
Spiller City,St,Zip: LAWRENCE, NY
Spiller Company: 001
Contact Name: JOE REDDINGTON
Contact Phone: (212) 860-9315
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND non regulated material"

Remarks: "Durning renovation the contractor turned off the HVAC system, and they put a hazardous material on the floor at this location, which went into a channel which drained into a sewer. The product is called 815 Lemon disinfectant made by arrow chemical corp. The label on the product clearly states that it should not be allowed to be drained into any sewer system."

Material:

Site ID: 138622
Operable Unit ID: 882775
Operable Unit: 01
Material ID: 491918
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX GRIT CHAMBER (Continued)

S104191616

Quantity: 5.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0313238
Facility Type: ER
DER Facility ID: 118523
Site ID: 138621
DEC Region: 2
Spill Date: 2004-03-02
Spill Number/Closed Date: 0313238 / 2009-05-01
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: JMKRIMGO
Referred To: Not reported
Reported to Dept: 2004-03-02
CID: 403
Water Affected: Not reported
Spill Source: Non Major Facility > 1,100 gal
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: 2004-03-02
Spill Record Last Update: 2009-05-01
Spiller Name: ANDREW PECORARO
Spiller Company: Not reported
Spiller Address: 158 BRUCKNER BLVD
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: ANDREW PECORARO
Contact Phone: (718) 595-6239
DEC Memo: "5/1/09. J.Krimgold reviewed two reports dated March 30, 2004 and November 23, 2004 prepared by Garnett Fleming. Based on the data submitted, marginal contaminant concentrations above TAGM levels was found in one soil sample. Subsequent ground water sampling reveal no contamination in the GW. NFA."

Remarks: "they discovered oil in one of the borings around the tank. clean up has not started yet. they are waiting for the test results of the soil."

Material:

Site ID: 138621
Operable Unit ID: 878479
Operable Unit: 01
Material ID: 498396
Material Code: 0008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX GRIT CHAMBER (Continued)

S104191616

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:

Facility ID: 9605740
Facility Type: ER
DER Facility ID: 118523
Site ID: 280282
DEC Region: 2
Spill Date: 1996-08-03
Spill Number/Closed Date: 9605740 / 2002-12-20
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: JAKOLLEE
Referred To: Not reported
Reported to Dept: 1996-08-03
CID: 257
Water Affected: EAST RIVER
Spill Source: Commercial/Industrial
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: 1996-08-03
Spill Record Last Update: 2005-02-03
Spiller Name: JOE ALBRECHT
Spiller Company: NYC DEP
Spiller Address: FOOT OF BRONCKNER BLVD
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: JOE ALBRECHT
Contact Phone: (212) 860-9364
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY "

Remarks: "con ed lost power causing spill "

Material:

Site ID: 280282
Operable Unit ID: 1036543
Operable Unit: 01
Material ID: 348484
Material Code: 0062A
Material Name: raw sewage

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX GRIT CHAMBER (Continued)

S104191616

Case No.: Not reported
Material FA: Other
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9304503
Facility Type: ER
DER Facility ID: 113698
Site ID: 131969
DEC Region: 2
Spill Date: 1993-07-09
Spill Number/Closed Date: 9304503 / 1995-08-07
Spill Cause: Unknown
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: FIFOLT
Referred To: Not reported
Reported to Dept: 1993-07-09
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: 1995-08-07
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1994-05-25
Spill Record Last Update: 1995-08-07
Spiller Name: Not reported
Spiller Company: NYC DEP
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 FILFORT "
Remarks: "SEWAGE BYPASS - REFER TO SPDES."

Material:

Site ID: 131969
Operable Unit ID: 982868
Operable Unit: 01
Material ID: 397999
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRONX GRIT CHAMBER (Continued)

S104191616

Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

**AM208
ESE
1/4-1/2
0.291 mi.
1535 ft.**

**AMERICAN BUILDING SUPPLY
150 BRUCKNER BLVD
BRONX, NY**

**NY LTANKS
NY Spills S104651561
N/A**

Site 2 of 2 in cluster AM

**Relative:
Lower**

LTANKS:

**Actual:
18 ft.**

Site ID: 69630
Spill Number/Closed Date: 0112160 / 2003-03-21
Spill Date: 2002-03-18
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: SMSANGES
Referred To: Not reported
Reported to Dept: 2002-03-26
CID: 405
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: 2002-03-26
Spill Record Last Update: 2003-03-21
Spiller Name: HOWARD KAHN
Spiller Company: AMERICAN BUILDING SUPPLY
Spiller Address: 150 BRUCKNER BLVD
Spiller City,St,Zip: BRONX, NY 10454-
Spiller County: 001
Spiller Contact: HOWARD KAHN
Spiller Phone: (718) 401-1200
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 66186
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 3/26/2002-Spill was reported to the DEC for the first time today. Mr. Howard Kahn (718-401-1200 or 212-876-1100) is in the process of buying this building in the Bronx through the IDA (State - City/private financial support company) In Dec 2001, PW Grosser did a Phase II inspection of the property including soil borings and water samples. A report was prepared and forwarded to the property owner, purchaser etc. Petroleum contamination was found, but no report was

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN BUILDING SUPPLY (Continued)

S104651561

ever made to the DEC. At some point between Dec 2001 and March 2002, Kevin O'Connor at Action Environmental (516-781-3000 ext 2421) prepared a Remediation Proposal which outlines how the environmental issues can be closed out. As of 3/26/2002 no documents of any sort have been submitted to the DEC for review. Due to a Closing Deadline of 3/28/02, Sangesland has scheduled a meeting at DEC office for 10:30 AM on 3/27/02. Representatives of IDA, the purchaser and Action Environmental will present the results of the Phase II report (prepared by PW Grosser), the Remediation Plan and will discuss the options and expected scope of work required to close the spill out. DEC is looking for: 1) DELINEATION of the site. - No scope of remediation work can be defined until the size of the problem is determined. Since the site is listed as 6- 550 gal gasoline UST's, the DEC will look at this site in scope as an old gasoline service station. A major portion of the scope of work depends on the ground water. Depending upon GW depth and tested quality. 2) REMEDIATION of the site. - Once the site is properly delineated and a reasonable understanding is presented of the size of the problem, a proper Remediation Plan can be presented (Depending on the work done to date, there MAY be enough information to move on to this step). 3) Based on the information discussed today, it sounds like the 6 UST's will be pulled, any visually contaminated soil in the area will be removed and end point samples taken. If there is concern about leaving the holes open, or redigging the site, it may pay to over dig the excavation to begin with. 4) Any impacts to ground water will need to be addressed in some way. Depending on the degree of problem, either a pump & treat system, a biological or some other Active system could be required. 5/6/2002 Kevin O'Connor called to say the 4 tanks near the front garage door area are being removed today. The bottom slab of the tank vault appears clean and will be left in place. The contaminated soil around this location will be removed later this week. Mr. O'Connor stated that they will finish up with this location, and restore it for use before they start work on the two other locations on the property. 6/6/2002 Sangesland spoke to Kevin O'Connor concerning some of the initial test results. Lab results dated May 30, 2002 from Long Island Analytical Laboratories, Inc. show a couple of minor exceedences of SVOC's from the end point samples taken in the South Excavation. Sangesland reviewed these levels. Because of building structural problems (no access) Sangesland gave approval to backfill and cap the area and move on with the job. Kevin O'Connor said he would include all details from all excavations on the site in his final report. 8/15/2002 - Floor drain area in center of building was dug out. 40 yds of soil was disposed - endpoints were clean. Sangesland forwarded a copy of Spill Closure Report outline Mr. O'Connor said he would be finishing up the job and sending in a final report soon. 12/24/2002 - Zhao spoke with Brain Davis, American Building Supplies. Based on the review of the closure report dated 12/4/02 and pervious site assessment in Dec 2001, the DEC can not closed out the spill under the current condition. 1) The boring logs and all sample results from 2001 were missing from current report. 2) A minimum of two groundwater samples required at southwest area which have not been performed (the methods could be using geoprobe or monitoring wells). 3) If contanination of groundwater has been addressed in 2001 site assessment report, a minimum of three monitoring well required for remediation. 3/21/2003 Sangesland reviewed a submittal from P.W. Grosser which showed some minor groundwater exceedences. Enough work has been done on this site

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN BUILDING SUPPLY (Continued)

S104651561

Remarks: to justify closure. Spill Closed."
"CALLER STATES THAT THERE ARE 6 SMALL UNDERGROUND GASOLINE TANKS THAT HAVE LEAKED INTO THE GROUND - ARE GOING TO REMOVE THE TANKS AND REMEDIATE THE SOIL - BREAKUP SURFACE CONTRETE AND BACK FILL AND SPILL IS NEAR DRAIN LINE"

Material:

Site ID: 69630
Operable Unit ID: 849112
Operable Unit: 01
Material ID: 526173
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:

SPILLS:

Facility ID: 0000158
Facility Type: ER
DER Facility ID: 66186
Site ID: 69628
DEC Region: 2
Spill Date: 2000-04-04
Spill Number/Closed Date: 0000158 / 2000-05-12
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: JHOCONNE
Referred To: Not reported
Reported to Dept: 2000-04-04
CID: 201
Water Affected: Not reported
Spill Source: Unknown
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: 2000-04-04
Spill Record Last Update: 2000-05-22
Spiller Name: UNKNOWN
Spiller Company: Unknown
Spiller Address: UNKNOWN
Spiller City,St,Zip: UNKNOWN, NY
Spiller Company: 999

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMERICAN BUILDING SUPPLY (Continued)

S104651561

Contact Name: CALLER
Contact Phone: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL CON ED E2 MIS REPORT 4/05/00 100 gals. of oil in vault #2644 and 100 gals. of oil in vault #2422, vault side by side in front of Bruckner Blvd. Vault#2130 also at same location is dry. Conduit plate #3-D-2 shows sewer connection. Mr. Jakubowski was able to pull feed to sump. Took sample...ERT Mike Kessler on location and DEP rep on location. EPA ID# NYP 004052767 DEC INSPECTOR NOTES Apparently one transformer,two interconnected vaults. Had to wait for deenergization to cleanup. Total capacity of transformer is 285gals. 200gals. pumped out of vault, assumed 85 went down sewer, open sewer top found oil residue. Final cleanup done 5/09/00"
Remarks: "100 GLS OF UNK OIL - CLEAN UP WILL BEGIN AS 50 TO 490 PPM CON ED #130747"

Material:

Site ID: 69628
Operable Unit ID: 821884
Operable Unit: 01
Material ID: 288422
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 100.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0000159
Facility Type: ER
DER Facility ID: 66186
Site ID: 69629
DEC Region: 2
Spill Date: 2000-04-04
Spill Number/Closed Date: 0000159 / 2000-04-05
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: JHOCONNE
Referred To: Not reported
Reported to Dept: 2000-04-04
CID: 201
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Affected Persons
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

AMERICAN BUILDING SUPPLY (Continued)

S104651561

Remediation Phase: 0
 Date Entered In Computer: 2000-04-04
 Spill Record Last Update: 2000-04-05
 Spiller Name: UNKNOWN
 Spiller Company: Unknown
 Spiller Address: UNKNOWN
 Spiller City,St,Zip: UNKNOWN, NY
 Spiller Company: 999
 Contact Name: CALLER
 Contact Phone: Not reported
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Track under spill # 0000158 (same incident)."
 Remarks: "100 GLS OF UN OIL - CLEAN UP WILL BEGIN AS 50-499 PPM CON ED #130747"
 Not reported

Material:

Site ID: 69629
 Operable Unit ID: 821886
 Operable Unit: 01
 Material ID: 288423
 Material Code: 0066A
 Material Name: unknown petroleum
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 100.00
 Units: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

**209
 NNW
 1/4-1/2
 0.303 mi.
 1599 ft.**

**MITCHELL HOUSES -NYCHA
 205-207 ALEXANDER AVE
 BRONX, NY**

**NY LTANKS S103036974
 NY Spills N/A**

**Relative:
 Lower**

LTANKS:

Site ID: 180309
 Spill Number/Closed Date: 9802631 / 1998-06-01
 Spill Date: 1998-05-29
 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: SACCACIO
 Referred To: Not reported
 Reported to Dept: 1998-05-29
 CID: 365
 Water Affected: Not reported
 Spill Notifier: DEC
 Last Inspection: Not reported
 Recommended Penalty: False

**Actual:
 25 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MITCHELL HOUSES -NYCHA (Continued)

S103036974

UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1998-05-29
Spill Record Last Update: 2005-12-07
Spiller Name: Not reported
Spiller Company: GORDON ENVIROMENTAL & MEC
Spiller Address: 2878 GOLF AV
Spiller City,St,Zip: STATEN ISLAND, NY 10303-001
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 82627
DEC Memo: ""
Remarks: "OIL WATER SEPERATOR OVERFLOWED SPUIING SEPARATED OIL ONTO GROUND - EITHER #2 OR #4 OIL"

Material:

Site ID: 180309
Operable Unit ID: 1063288
Operable Unit: 01
Material ID: 320953
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
Site ID: 180309
Operable Unit ID: 1063288
Operable Unit: 01
Material ID: 320954
Material Code: 0002A
Material Name: #4 fuel 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: 0411374
Facility Type: ER
DER Facility ID: 229622
Site ID: 336559
DEC Region: 2
Spill Date: 2005-01-20

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MITCHELL HOUSES -NYCHA (Continued)

S103036974

Spill Number/Closed Date: 0411374 / 2007-12-11
Spill Cause: Human Error
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)
SWIS: 0301
Investigator: jkkann
Referred To: CONSOLIDATED WITH 9801188
Reported to Dept: 2005-01-20
CID: 409
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: 2005-01-21
Spill Record Last Update: 2007-12-11
Spiller Name: MARIO MANDALONE
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller Company: 001
Contact Name: MARK WALKER
Contact Phone: (718) 993-0630
DEC Memo: "1/20/2005 - Sangesland spoke to Housing Authority Rep. He said the overfill spill came out the stick line from a buried tank. It overflowed the cement pad and poured over an area about 6 ft wide and 18 ft long on the soil down to a retaining wall where it pooled. Housing Authority says they will excavate the area Soon No outside contractor was called. Housing Authority says they will do the cleanup themselves. 11/2/05: This spill transferred from J.Kolleeny to S.Kraszewski 01/26/06: This spill transferred from S.Kraszewaski to Q.Abidi 03/29/06: This spill transferred from Q. Abidi to Koon Tang."
Remarks: "CLEAN UP IN PROCESS. TANK THREE OVER FLOWED BECAUSE HE FORGOT TO PUT THE TOP ON. ON THE SOIL AND PENETRATION WASNT THAT DEEP. CELL # 1-917-923-5659"
Material:
Site ID: 336559
Operable Unit ID: 1098580
Operable Unit: 01
Material ID: 578749
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
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

MITCHELL HOUSES -NYCHA (Continued)

S103036974

Facility ID: 9906428
Facility Type: ER
DER Facility ID: 229622
Site ID: 283107
DEC Region: 2
Spill Date: 1999-08-30
Spill Number/Closed Date: 9906428 / 2003-03-25
Spill Cause: Human Error
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: SACCACIO
Referred To: Not reported
Reported to Dept: 1999-08-30
CID: 312
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1999-08-30
Spill Record Last Update: 2005-01-21
Spiller Name: Not reported
Spiller Company: S & J FUEL
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: MR PERKINS
Contact Phone: (718) 993-0630
DEC Memo: ""
Remarks: "DRIVER FORGOT TO OPEN VENT COMPARTMENTS ON TRUCK AND BUILT UP ENOUGH PRESSURE INSIDE THE TRUCK, FORCING OIL OUT OF THE TANK TRUCK - SPILLED TO THE STREET - NYC HOUSING CLEANED UP MOST OF SPILL - WAITING FOR S&J TO SEND A PRESSURE WASHER TO FINISH CLEANING THE STREET"

Material:

Site ID: 283107
Operable Unit ID: 1080877
Operable Unit: 01
Material ID: 302699
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: Gallons
Recovered: 50.00
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

MITCHELL HOUSES -NYCHA (Continued)

S103036974

Facility ID: 9904797
Facility Type: ER
DER Facility ID: 229622
Site ID: 283106
DEC Region: 2
Spill Date: 1999-07-22
Spill Number/Closed Date: 9904797 / 2003-03-25
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: SACCACIO
Referred To: Not reported
Reported to Dept: 1999-07-22
CID: 390
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1999-07-22
Spill Record Last Update: 2005-01-21
Spiller Name: RALPH STABILE
Spiller Company: RESIDENTIAL BLDG
Spiller Address: 205 ALEXANDER AVE
Spiller City,St,Zip: BRONX, ZZ
Spiller Company: 001
Contact Name: RALPH STABILE
Contact Phone: (718) 993-0630
DEC Memo: ""
Remarks: "unk how the spill occurred was doing a boiler renovation - said he wasn't using it"

Material:
Site ID: 283106
Operable Unit ID: 1083506
Operable Unit: 01
Material ID: 301125
Material Code: 0007
Material Name: cutting oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 40.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9900260
Facility Type: ER

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MITCHELL HOUSES -NYCHA (Continued)

S103036974

DER Facility ID: 82627
Site ID: 325819
DEC Region: 2
Spill Date: 1999-04-07
Spill Number/Closed Date: 9900260 / 2007-12-11
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: jkkann
Referred To: CONSOLIDATED WITH 9801188
Reported to Dept: 1999-04-07
CID: 384
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: 1999-04-07
Spill Record Last Update: 2007-12-11
Spiller Name: Not reported
Spiller Company: EASTCO BOILER CORP
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: ED MALONE
Contact Phone: (212) 306-8480
DEC Memo: "11/29/05: This spill transferred from J.Kolleeny to S.Kraszewski.
02/02/06: This spill transferred from S.Kraszewski to Q.Abidi.
04/04/06: This spill transferred from Q. Abidi to Koon Tang.
12/11/07: Spill transferred to J.Kann and consolidated with 9801188.
J.Kann "

Remarks: "EASCO WAS HOOKING UP A PORTABLE BOILER WHEN THEY NOTICED THEY WERE LEAKING. CLEANUP WILL BE DONE BY EASCO. "

Material:
Site ID: 325819
Operable Unit ID: 1075080
Operable Unit: 01
Material ID: 307401
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 20.00
Units: Gallons
Recovered: 20.00
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

MITCHELL HOUSES -NYCHA (Continued)

S103036974

Facility ID: 9801188
Facility Type: ER
DER Facility ID: 82627
Site ID: 91997
DEC Region: 2
Spill Date: 1998-04-28
Spill Number/Closed Date: 9801188 / 2014-12-12
Spill Cause: Unknown
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)
SWIS: 0301
Investigator: jkkann
Referred To: Not reported
Reported to Dept: 1998-04-28
CID: 198
Water Affected: Not reported
Spill Source: Private Dwelling
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-04-28
Spill Record Last Update: 2014-12-12
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: NEW YORK, NY
Spiller Company: 001
Contact Name: SUPERINTENDENT MARTINEZ
Contact Phone: (718) 939-0630
DEC Memo: "12/07/05: This spill transferred from J.Kolleeny to S.Kraszewski. 09/23/10: J.Kann - spill transferred from K. Tang to J.Kann. 5/29/12: J.kann - since little is known about this facility, a PO priority was assigned. 10/23/13: J.Kann - a work plan was submitted and edoced under 9005760. 01/07/14: J.Kann - revised IWP approved on 12/23/13. There was some confusion between the two Mitchell Houses. The revised IWP only covers Alexander Avenue. SIR due 6/23/14. Site included in the multi site stip sent to NYCHA today. 12/12/14: J.Kann - SIR submitted to DEC on 10/15/14 after an approved extension. The report was reviewed and it required revisions due to the confusion of the two Mitchell houses. The revised report was email to the Department on 12/11/14. Six soil borings were advanced and three wells were installed. Results of the twelve soil samples collected for analysis of VOCs and SVOCs yielded no exceedences of CP-51. All groundwater concentrations were below TOGS 1.1.1. NFA. Spill closed."
Remarks: "CALLER WAS REMOVING TOPSOIL TO REMOVE TANKS AND REALIZED SOIL WAS CONTAMINATED. CONTRACT WORK WAS STOPPED UNTIL DEC NOTIFIED."
Material:
Site ID: 91997
Operable Unit ID: 1058808
Operable Unit: 01
Material ID: 323129
Material Code: 0001A
Material Name: #2 fuel oil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MITCHELL HOUSES -NYCHA (Continued)

S103036974

Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9714368
Facility Type: ER
DER Facility ID: 82627
Site ID: 251888
DEC Region: 2
Spill Date: 1998-03-27
Spill Number/Closed Date: 9714368 / 2003-02-10
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: SACCACIO
Referred To: Not reported
Reported to Dept: 1998-03-27
CID: 201
Water Affected: Not reported
Spill Source: Private Dwelling
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: 1998-03-27
Spill Record Last Update: 2005-12-07
Spiller Name: UNK
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: MANHATTAN, NY 10007-001
Contact Name: CALLER
Contact Phone: Not reported
DEC Memo: ""
Remarks: "OIL COMING OUT OF THE FUEL CAP/UNK AMOUNT/STILL COMING OUT OF PIPE/PD ON SCENE ***CALLER AGENCY CHANGE FROM DEC TO DEP - SPELLING CHANGES"

Material:

Site ID: 251888
Operable Unit ID: 1060150
Operable Unit: 01
Material ID: 325329
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MITCHELL HOUSES -NYCHA (Continued)

S103036974

Material FA: Petroleum
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9714270
Facility Type: ER
DER Facility ID: 82627
Site ID: 179738
DEC Region: 2
Spill Date: 1998-03-24
Spill Number/Closed Date: 9714270 / 2002-07-22
Spill Cause: Human Error
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: SACCACIO
Referred To: Not reported
Reported to Dept: 1998-03-24
CID: 252
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1998-03-24
Spill Record Last Update: 2005-12-07
Spiller Name: ED MALONE
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: NY, NY 10007-001
Contact Name: EDWARD MALONE
Contact Phone: (212) 306-8480
DEC Memo: ""
Remarks: "CONTRACTOR WORKING ON OIL TANK FORGOT TO OPEN RETURN LINE TO THE IN-GROUND TANK AND THE OIL THAT WAS TAKEN FROM IN-GROUND TANK WAS BEING RETURNED TO AN ABOVEGROUND 20,000 GAL TANK (IN-GROUND TANK IS 25,000 GAL). WINSTON CONTRACTING ON-SITE FOR CLEANUP."

Material:

Site ID: 179738
Operable Unit ID: 1057131
Operable Unit: 01
Material ID: 563721
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MITCHELL HOUSES -NYCHA (Continued)

S103036974

Material FA: Petroleum
Quantity: 50.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

210
ESE
1/4-1/2
0.307 mi.
1621 ft.

O'BRIEN SANITATION CORP
155 BRUCKNER BLVD
BRONX, NY 10454

NY SWF/LF **U000414051**
NY UST **N/A**

Relative:
Lower

SWF/LF:
Flag: INACTIVE
Region Code: 2
Phone Number: 2129933838
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: CHARLES MARTINO
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Transfer station - permit
Activity Number: [03T50]
Active: No
East Coordinate: 591100
North Coordinate: 4517600
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6007-00098
Authorization Date: Not reported
Expiration Date: Not reported

Actual:
20 ft.

UST:

Id/Status: 2-600668 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 591171.42704
UTM Y: 4517510.18192
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id: 22648

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O'BRIEN SANITATION CORP (Continued)

U000414051

Affiliation Type: Mail Contact
Company Name: Not reported
Contact Type: Not reported
Contact Name: SAM MARTINO
Address1: 155 BRUCKNER BLVD
Address2: Not reported
City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (212) 993-3838
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-10-14

Site Id: 22648
Affiliation Type: Facility Operator
Company Name: OBRIEN SANITATION CORP
Contact Type: Not reported
Contact Name: O'BRIEN SANITATION CORP
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (212) 993-3838
EMail: Not reported
Fax Number: Not reported
Modified By: bkfalvey
Date Last Modified: 2009-05-28

Site Id: 22648
Affiliation Type: Emergency Contact
Company Name: OBRIEN SANITATION CORP
Contact Type: Not reported
Contact Name: SAM MARTINO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (516) 352-1418
EMail: Not reported
Fax Number: Not reported
Modified By: bkfalvey
Date Last Modified: 2009-05-28

Site Id: 22648
Affiliation Type: Facility Owner
Company Name: OBRIEN SANITATION CORP
Contact Type: OWNER
Contact Name: SAMUEL MARTINO
Address1: 155 BRUCKNER BLVD
Address2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

O'BRIEN SANITATION CORP (Continued)

U000414051

City: BRONX
State: NY
Zip Code: 10454
Country Code: 001
Phone: (212) 993-3838
EMail: Not reported
Fax Number: Not reported
Modified By: BVCAMPBE
Date Last Modified: 2011-10-14

Tank Info:

Tank Number: 001
Tank ID: 43247
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1500
Install Date: Not reported
Date Tank Closed: 06/23/2003
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 00
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: BVCAMPBE
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G01 - Tank Secondary Containment - Diking (Aboveground)
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
A01 - Tank Internal Protection - Epoxy Liner
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I05 - Overfill - Vent Whistle

211
NW
1/4-1/2
0.326 mi.
1720 ft.

WMNY LLC HARLEM RIVER YARD
98 LINCOLN AVENUE
BRONX, NY 10454

NY SWF/LF S104787673
NY Spills N/A
NY Financial Assurance
NY SPDES

Relative:
Lower

SWF/LF:
Flag: ACTIVE
Region Code: 2
Phone Number: Not reported
Owner Name: Waste Management of NY; LLC
Owner Type: Private
Owner Address: 123 Varick Ave
Owner Addr2: Not reported

Actual:
8 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WMNY LLC HARLEM RIVER YARD (Continued)

S104787673

Owner City,St,Zip: Brooklyn, NY 11237
Owner Email: Not reported
Owner Phone: 7185335310
Contact Name: Jay Kaplan
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: jkaplan2@wm.com
Contact Phone: 7185335310
Activity Desc: Transfer station - permit
Activity Number: [03T79]
Active: Yes
East Coordinate: 590307
North Coordinate: 4517929
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: MSW (Residential/Institutional & Commercial);Construction & Demolition
Debris
Authorization #: 2-6007-00159/00009
Authorization Date: 07/29/2014
Expiration Date: 07/30/2019

SPILLS:

Facility ID: 0611553
Facility Type: ER
DER Facility ID: 141269
Site ID: 376204
DEC Region: 2
Spill Date: 2007-01-17
Spill Number/Closed Date: 0611553 / 2007-01-19
Spill Cause: Abandoned Drums
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: SMSANGES
Referred To: Not reported
Reported to Dept: 2007-01-17
CID: 444
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: 2007-01-17
Spill Record Last Update: 2007-01-19
Spiller Name: ANTHONY
Spiller Company: HARLEM RIVER YARD VENTURE
Spiller Address: 98 LINCOLN AVE
Spiller City,St,Zip: BRONX, NY
Spiller Company: 001
Contact Name: ANTHONY
Contact Phone: (718) 402-6925
DEC Memo: "contractor working for TriBoro Bridge & Tunnel Authority was

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WMNY LLC HARLEM RIVER YARD (Continued)

S104787673

painting a bridge and left a drum of diesel under the bridge leaking. Anthony at Harlem River Yard says that they have been called and say they will remove the drum and dig out the impacted soil. This work needs to be confirmed with a call to Anthony (718-402-6925) 1/19/2007 Sangesland confirmed drum was removed and impacted soil was removed and replaced with clean fill."

Remarks: "ST ANNE'S AND 132ND STREET IS ENTRANCE: NOT LEAKING:"

Material:

Site ID: 376204
Operable Unit ID: 1133805
Operable Unit: 01
Material ID: 2123627
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: 0412457
Facility Type: ER
DER Facility ID: 141269
Site ID: 337939
DEC Region: 2
Spill Date: 2005-02-23
Spill Number/Closed Date: 0412457 / 2005-03-29
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 0301
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 2005-02-23
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: 2005-02-24
Spill Record Last Update: 2005-03-29
Spiller Name: Not reported
Spiller Company: NYC GARBAGE TRUCK
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: JIM VANWOERT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WMNY LLC HARLEM RIVER YARD (Continued)

S104787673

Contact Phone: (718) 401-4126
DEC Memo: "3/29/05 - Austin - Minor spill - closed - previously unassigned"
Remarks: "IN PROCESS CLEANING UP: HOSE BROKE:"

Material:

Site ID: 337939
Operable Unit ID: 1099948
Operable Unit: 01
Material ID: 580223
Material Code: 0010
Material Name: hydraulic oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 8.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0307269
Facility Type: ER
DER Facility ID: 156468
Site ID: 187278
DEC Region: 2
Spill Date: 2003-10-09
Spill Number/Closed Date: 0307269 / 2003-10-10
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: JMKRIMGO
Referred To: Not reported
Reported to Dept: 2003-10-10
CID: 390
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-10-10
Spill Record Last Update: 2003-10-10
Spiller Name: CALLER
Spiller Company: NY POWER AUTHORITY
Spiller Address: 31-03 20TH AV
Spiller City,St,Zip: ASTORIA, NY 11105-
Spiller Company: 001
Contact Name: CALLER
Contact Phone: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
KRIMGOLD "

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WMNY LLC HARLEM RIVER YARD (Continued)

S104787673

Remarks: "failure of a 138kv feeder line pothead/bushing caused spill"
Material:
Site ID: 187278
Operable Unit ID: 876025
Operable Unit: 01
Material ID: 500821
Material Code: 2630
Material Name: mineral oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 9.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0004999
Facility Type: ER
DER Facility ID: 156468
Site ID: 187277
DEC Region: 2
Spill Date: 2000-07-26
Spill Number/Closed Date: 0004999 / 2003-02-13
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: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2000-07-26
CID: 365
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: 2000-07-26
Spill Record Last Update: 2003-02-13
Spiller Name: Not reported
Spiller Company: WASTE MANAGEMENT FACILITY
Spiller Address: 98 LINCOLN AV
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 TIPPLE 07/26/2000 SITE VISIT AS PER INSTRUCTED BY MR. AUSTIN DEP REPRESENTATIVE AND TWO ECO'S ON SCENE WITH FIVE REPRESENTATIVES FROM COLUMBIA UNIVERSITY. COLUMBIA UNIVERSITY TAKING RESPONSIBILITY CALLED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WMNY LLC HARLEM RIVER YARD (Continued)

S104787673

Remarks: IN SAFETY CLEAN TO PROPERLY REMOVE AND DISPOSE OF CHEMICALS, ECO'S GAVE TICKETS, ECO'S TOOK SAMPLES, DEP TAKING SAMPLES TO THEIR OFFICE FOR A DEC AUTHORIZED LAB TO PICK THEM UP FOR TESTING."
"dep and sanitation dept are on scene handling the chemicals - the sodium chloride, sodium hydroxide, and sodium azide have not spills but there is a yellow liquid that is currently spilling but the label has worn off the container - the cause of spill is the waste management co p/u what was supposed to be garbage but then they noticed material spilling - they are assuming the yellow material is hazardous - nyc hazmat is also on scene - notification only"

Material:

Site ID: 187277
Operable Unit ID: 826044
Operable Unit: 01
Material ID: 549739
Material Code: 0253A
Material Name: sodium azide (Na(N3))
Case No.: 26628228
Material FA: Hazardous Material
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported
Site ID: 187277
Operable Unit ID: 826044
Operable Unit: 01
Material ID: 549737
Material Code: 0038E
Material Name: white caustic
Case No.: 01310732
Material FA: Hazardous Material
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported
Site ID: 187277
Operable Unit ID: 826044
Operable Unit: 01
Material ID: 549740
Material Code: 1700A
Material Name: sodium chloride
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported
Site ID: 187277
Operable Unit ID: 826044
Operable Unit: 01
Material ID: 549738
Material Code: 0063A
Material Name: unknown hazardous material
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WMNY LLC HARLEM RIVER YARD (Continued)

S104787673

Material FA: Hazardous Material
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0005007
Facility Type: ER
DER Facility ID: 141269
Site ID: 167679
DEC Region: 2
Spill Date: 2000-07-26
Spill Number/Closed Date: 0005007 / 2003-02-13
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: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2000-07-26
CID: 252
Water Affected: Not reported
Spill Source: Commercial/Industrial
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: 2000-07-26
Spill Record Last Update: 2003-02-13
Spiller Name: KURT KLEIN
Spiller Company: COLUMBIA UNIVERSITY
Spiller Address: 630 W 168TH ST
Spiller City,St,Zip: MANHATTAN, NY 10032-001
Contact Name: ED MULLEN
Contact Phone: (718) 401-4126
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE same as 0004999"
Remarks: "MATERIAL WAS DISPOSED OF IN DUMPSTER AT WASTE MANAGEMENT APPEARS TO BE ORANGE IN COLOR. APPROX 15 GALLONS - REQ CALL BACK FOR CONTRACTOR ON SITE- 917-376-4478 "

Material:

Site ID: 167679
Operable Unit ID: 826051
Operable Unit: 01
Material ID: 549747
Material Code: 0063A
Material Name: unknown hazardous material
Case No.: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WMNY LLC HARLEM RIVER YARD (Continued)

S104787673

Material FA: Hazardous Material
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported
Site ID: 167679
Operable Unit ID: 826051
Operable Unit: 01
Material ID: 549748
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: 15.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

NY Financial Assurance 1:

Owner Name: Waste Management of NY; LLC
Region: 2
Estimate Type: Closure
Estimate Amount: 975000
Estimate Date: 03/01/2001
Mechanism: Surety bond - Performance
Mechanism Amount: 1006460
Issue Date: Not reported
Expiration Date: Not reported
Activity Number: 03T79
Activity Description: Transfer station - permit

SPDES:

Permit Number: NYR00D144
State-Region: 02
Expiration Date: 09/30/2017
Current Major Minor Status: Minor
Primary Facility SIC Code: 4212
State Water Body Name: HARLEM RIVER, BRONX KILL
Limit Set Status Flag: Active
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: Not reported
Lat/Long: +40.807 / -73.929
DMR Cognizant Official: 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: SONNY KONG

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WMNY LLC HARLEM RIVER YARD (Continued)

S104787673

Non-Gov Permit Street Address: HARLEM RIVER YARD VENTURES INC
Non-Gov Permit Supplemental Location: 440 PARK AVE SOUTH, 7TH FLOOR
Non-Gov Permit City: NEW YORK
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 10016
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: HARLEM RIVER YARD VENTURES INC
Non-Gov Facility Street Address: HARLEM RIVER YARD VENTURES INC
Non-Gov Facility Supplemental Location: 98 LINCOLN AVE
Non-Gov Facility City: BRONX
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10454
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: HARLEM RIVER YARD VENTURES INC
Non-Gov Permit Street Address: 98 LINCOLN AVE
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: BRONX
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 10454
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: HARLEM RIVER YARD VENTURES INC
Non-Gov Facility Street Address: HARLEM RIVER YARD VENTURES INC
Non-Gov Facility Supplemental Location: 98 LINCOLN AVE
Non-Gov Facility City: BRONX
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10454
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: HARLEM RIVER YARD VENTURES INC
Non-Gov Facility Street Address: HARLEM RIVER YARD VENTURES INC
Non-Gov Facility Supplemental Location: 98 LINCOLN AVE
Non-Gov Facility City: BRONX
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 10454
State Water Body: 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

WMNY LLC HARLEM RIVER YARD (Continued)

S104787673

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: WASTE MANAGEMENT OF NEW YORK LLC
Non-Gov Permit Street Address: HARLEM RIVER YARD TRANSFER STATION
Non-Gov Permit Supplemental Location: 123 VARICK AVE
Non-Gov Permit City: BROOKLYN
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 11237
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: WASTE MANAGEMENT OF NEW YORK LLC
Non-Gov Facility Street Address: HARLEM RIVER YARD TRANSFER STATION
Non-Gov Facility Supplemental Location: 123 VARICK AVE
Non-Gov Facility City: BROOKLYN
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 11237
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: WASTE MANAGEMENT OF NEW YORK LLC
Non-Gov Permit Street Address: 123 VARICK AVE
Non-Gov Permit Supplemental Location: Not reported
Non-Gov Permit City: BROOKLYN
Non-Gov Permit State Code: NY
Non-Gov Permit Zip Code: 11237
Non-Gov Facility Affiliation Type Desc: Owner
Non-Gov Facility Org Formal Name: WASTE MANAGEMENT OF NEW YORK LLC
Non-Gov Facility Street Address: HARLEM RIVER YARD TRANSFER STATION
Non-Gov Facility Supplemental Location: 123 VARICK AVE
Non-Gov Facility City: BROOKLYN
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 11237
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: WASTE MANAGEMENT OF NEW YORK LLC
Non-Gov Facility Street Address: HARLEM RIVER YARD TRANSFER STATION
Non-Gov Facility Supplemental Location: 123 VARICK AVE
Non-Gov Facility City: BROOKLYN
Non-Gov Facility State Code: NY
Non-Gov Facility Zip Code: 11237
State Water Body: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

212
 ESE
 1/4-1/2
 0.341 mi.
 1802 ft.

CLOSED-LACKOF RECENT INFO
USPOSTAL SVC,510 E 133 ST
BRONX, NY

NY LTANKS **S100145506**
 N/A

Relative:
Lower

LTANKS:

Actual:
19 ft.

Site ID: 75113
 Spill Number/Closed Date: 8903777 / 2003-03-05
 Spill Date: 1989-07-14
 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: ADMIN. CLOSED
 Referred To: Not reported
 Reported to Dept: 1989-07-14
 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: 1989-07-17
 Spill Record Last Update: 2003-03-14
 Spiller Name: Not reported
 Spiller Company: US POSTAL SERV
 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: 70367
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report"
 Remarks: "TWO 10K TANK-SYSTEM FAILS HORNER-EZY. L R = 0.35577GPH. WILL ISOLATE & RETEST.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS."

Material:

Site ID: 75113
 Operable Unit ID: 931382
 Operable Unit: 01
 Material ID: 447853
 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CLOSED-LACKOF RECENT INFO (Continued)

S100145506

Oxygenate: Not reported

Tank Test:
Site ID: 75113
Spill Tank Test: 1535720
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

213
East
1/4-1/2
0.351 mi.
1851 ft.

**MILLBROOK -NYCHA
160 SAINT ANNS AVENUE
BRONX, NY**

**NY LTANKS S102149612
NY Spills N/A**

**Relative:
Higher**

LTANKS:
Site ID: 95620
Spill Number/Closed Date: 9203924 / 2006-01-18
Spill Date: 1992-07-06
Spill Cause: Tank 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.

**Actual:
27 ft.**

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: SWKRASZE
Referred To: Not reported
Reported to Dept: 1992-07-06
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: 1992-07-07
Spill Record Last Update: 2006-01-18
Spiller Name: Not reported
Spiller Company: NYCHA
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: 252917
DEC Memo: "01/18/06: This spill transferred from J.Kolleeny to S.Kraszewski.
This spill closed to consolidate with open spill #9706421. - SK"
Remarks: "EXCAVATING RETURN LINE DUE TO LOSS OF PRODUCT ON INVENTORY-TANK #1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLBROOK -NYCHA (Continued)

S102149612

ISOLATED-FOUND CONTAMINATED SOIL-WINSTON TO PICK UP AND DISPOSE. WILL REPAIR OR REPLACE RETURN LINE."

Material:

Site ID: 95620
Operable Unit ID: 967724
Operable Unit: 01
Material ID: 567466
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: 95620
Spill Tank Test: 1540188
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: 106441
Spill Number/Closed Date: 9212748 / 1993-02-11
Spill Date: 1993-02-11
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: 1993-02-11
Cleanup Meets Standard: True
SWIS: 0301
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1993-02-11
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: 1993-02-11
Spill Record Last Update: 2005-12-08
Spiller Name: Not reported
Spiller Company: NYC HOUSING
Spiller Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLBROOK -NYCHA (Continued)

S102149612

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: 252917
DEC Memo: ""
Remarks: "SPILL ON SIDE WALK-NO DRAINS CLEANUP IN PROGRESS-POSSIBLE SPILL IN GRASS ALSO-CALLED AND CONFIRMED CLEANUP"

Material:

Site ID: 106441
Operable Unit ID: 977149
Operable Unit: 01
Material ID: 402580
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Site ID: 106441
Spill Tank Test: 1541162
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: 9706421
Facility Type: ER
DER Facility ID: 252917
Site ID: 313672
DEC Region: 2
Spill Date: 1997-08-27
Spill Number/Closed Date: 9706421 / 2015-09-23
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: jkkann
Referred To: Not reported
Reported to Dept: 1997-08-27
CID: 266
Water Affected: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLBROOK -NYCHA (Continued)

S102149612

Spill Source: Non Major Facility > 1,100 gal
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: 1997-08-27
Spill Record Last Update: 2016-04-27
Spiller Name: GLENN SROUR
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY, 16TH FLOOR
Spiller City,St,Zip: NEW YORK, NY 10007-001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: "12/08/05: This spill transferred from J.Kolleeny to S.Kraszewski. 03/23/06: This spill transferred to K.Tang - SK 09/23/10: J.Kann - spill transferred from K. Tang to J.Kann. 3/10/11: J.Kann - Investigative work plan submitted on 3/3/11. 5/29/12: J.kann - priority P0 assigned to the site 1/5/15: J.Kann - Reviewed IWP. 3 of the 6 wells previously installed were located in a 2010 site reconaissance. Four new borings proposed in the IWP and sampling of existing wells located and up to 4 new wells. Email sent to NYCHA today approving work plan. SIR due July 6, 2015. 9/23/15: J.Kann - Summary Report of Subsurface Investigation (SIR) was received on 6/10/15. Reviewed file and SIR. Four borings were advanced, one well installed (in boring where contamination was detected). One existing well was sampled. Two samples were collected and analyzed from each boring. All compounds were below CP-51 with the exception of Chrysene in SB-09 (1.9 ppm, CP-51 RSCO of 1ppm). Two SVOCs also detected in MW-09, Chrysene 0.09 ppb (TOGS 0.002ppb) and Benzo(a)anthracene 0.06ppb (TOGS 0.002ppb). Based on the low level constituents, the clean downgradient well (MW-5), and the fact that the source (tank) was removed in 1997, no further action is necessary. Spill closed. 4/27/16: J.Kann - DecDoced Summary Report of 6/4/15."
Remarks: "SOIL CONTAMINATION FOUND DURING REMOVAL OF 27500 GALLON TANK. JANE HEALY-O'CONNELL FROM DEC NOTIFIED ALSO."
Material:
Site ID: 313672
Operable Unit ID: 1049785
Operable Unit: 01
Material ID: 332008
Material Code: 0002A
Material Name: #4 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .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

MILLBROOK -NYCHA (Continued)

S102149612

Facility ID: 9415173
Facility Type: ER
DER Facility ID: 252917
Site ID: 195718
DEC Region: 2
Spill Date: 1995-02-18
Spill Number/Closed Date: 9415173 / 1995-02-28
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1995-02-18
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Affected Persons
Cleanup Ceased: 1995-02-28
Cleanup Meets Std: True
Last Inspection: 1995-02-21
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1995-02-21
Spill Record Last Update: 2005-12-08
Spiller Name: Not reported
Spiller Company: ALPS MECHANICAL
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: ""
Remarks: "BOILER ROOM RENOVATION IN PROGRESS-TEMPORARY FITTING WAS LEAKING OIL ACROSS THE FLOOR INTO SUMP PIT. ALPS FIXED LEAK, WINSTON CONTRACTING DOING CLEANUP. MINIMAL OIL INTO SEWER."

Material:
Site ID: 195718
Operable Unit ID: 1008626
Operable Unit: 01
Material ID: 370354
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:

Facility ID: 9307790

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLBROOK -NYCHA (Continued)

S102149612

Facility Type: ER
DER Facility ID: 252917
Site ID: 304562
DEC Region: 2
Spill Date: 1993-09-27
Spill Number/Closed Date: 9307790 / 1994-03-11
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: HEALY
Referred To: Not reported
Reported to Dept: 1993-09-27
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: 1994-03-11
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1993-09-28
Spill Record Last Update: 2005-12-08
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: ""
Remarks: "COIL LEAK IN PREHEATER - CONTAINED IN BOILER ROOM - CLEAN UP UNDER WAY. UPDATE: WINSTON CONTRACTING CALLED IN TO DO CLEAN UP."

Material:
Site ID: 304562
Operable Unit ID: 986300
Operable Unit: 01
Material ID: 394046
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 250.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:
Site ID: 304562
Spill Tank Test: 1542037
Tank Number: Not reported
Tank Size: 0
Test Method: 00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MILLBROOK -NYCHA (Continued)

S102149612

Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified: Not reported
Test Method: Unknown

214
North
1/4-1/2
0.352 mi.
1860 ft.

CLOSED-LACKOF RECENT INFO
230 ALEXANDER AVE.
NEW YORK CITY, NY

NY LTANKS **S100144791**
N/A

Relative:
Higher

LTANKS:

Actual:
31 ft.

Site ID: 65873
Spill Number/Closed Date: 8705434 / 2003-03-04
Spill Date: 1987-09-28
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: 0301
Investigator: ADMIN. CLOSED
Referred To: Not reported
Reported to Dept: 1987-09-28
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: 1987-09-30
Spill Record Last Update: 2003-03-14
Spiller Name: Not reported
Spiller Company: ST. JEROME'S CHURCH
Spiller Address: 230 ALEXANDER AVE.
Spiller City,St,Zip: BX, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 63165
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED / / : Excavate And Determine Source Of Leak. 03/04/2003-Closed Due To The Nature / Extent Of The Spill Report"
Remarks: "HIGH VOLUME LEAK.-CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS."

Material:

Site ID: 65873
Operable Unit ID: 911632
Operable Unit: 01
Material ID: 468038

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CLOSED-LACKOF RECENT INFO (Continued)

S100144791

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: 65873
 Spill Tank Test: 1531755
 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

215
 NW
 1/4-1/2
 0.356 mi.
 1878 ft.

FORMER MANUFACTURING PLANT
282 E. 134TH STREET
BRONX, NY 10454

NY BROWNFIELDS S117936672
N/A

Relative:
Lower

BROWNFIELDS:

Program: BCP
 Site Code: 507966
 Acres: 1.18
 HW Code: C203081
 SWIS: 0301
 Town: New York City
 Record Added Date: 05/15/2015
 Record Updated Date: 08/14/2015
 Update By: BXANDERS
 Site Description:

Actual:
8 ft.

Location: The Site is located in an urban area in the Mott Haven section of the Bronx and is comprised of approximately 47.411 square foot (sf) irregularly (rectanuglar?) shaped lot. The site includes all of Block 2309 Lot 12 and a portion of Lot 1 and has 75 feet of frontage along Bruckner Boulevard and approximately 300 (360?) feet of frontage along E. 134th Street. Site Features: The site is currently vacant. Current Zoning/Use: The site is zoned M1-2/R6A residential/commercial and is currently vacant, though part is used as a parking lot by the adjacnet building. Historical Use: The subject property was historically used as a piano factory, woodworking factory and marble factory (1890s through 1920s), and a revolving door factory and window and door factory (1940s through 2007). Site Geology and Hydrogeology: Subsurface soils at the site consist of historic fill materials to a depth of approximately 5 to 10 feet below grade. Silty sand is present immediately below this layer to a depth of 15 feet. The depth to bedrock is anticipated at approximately 20 to 30 feet below land surface. Groundwater at the Site is present under water table conditions at a depth of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MANUFACTURING PLANT (Continued)

S117936672

approximately 10 feet below grade. Based on regional water table elevation maps, groundwater flow is expected to be southwest toward the Harlem River.

Env Problem: Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available.

Health Problem: Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

Dump: Not reported

Structure: Not reported

Lagoon: Not reported

Landfill: Not reported

Pond: Not reported

Disp Start: Not reported

Disp Term: Not reported

Lat/Long: Not reported

Dell: Not reported

Record Add: Not reported

Record Upd: Not reported

Updated By: Not reported

Own Op: Document Repository

Sub Type: NNN

Owner Name: Not reported

Owner Company: New York Public Library - Mott Haven Branch

Owner Address: 321 East 140th Street

Owner Addr2: Not reported

Owner City,St,Zip: Bronx, NY 10454

Owner Country: United States of America

Own Op: Applicant/Requestor

Sub Type: P03

Owner Name: Isaac Jacobowitz

Owner Company: Bruckner Tower LLC

Owner Address: 545 Broadway, 4th Floor

Owner Addr2: Not reported

Owner City,St,Zip: Brooklyn, NY 11206

Owner Country: United States of America

Own Op: Owner

Sub Type: E

Owner Name: Not reported

Owner Company: Lincoln Corners, LLC

Owner Address: 545 Broadway, 4th Floor

Owner Addr2: Not reported

Owner City,St,Zip: Brooklyn, NY 11206

Owner Country: United States of America

Own Op: Owner

Sub Type: E

Owner Name: Not reported

Owner Company: Bruckner Tower, LLC

Owner Address: 545 Broadway, 4th Floor

Owner Addr2: Not reported

Owner City,St,Zip: Brooklyn, NY 11206

Owner Country: United States of America

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

FORMER MANUFACTURING PLANT (Continued)

S117936672

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

**216
 WNW
 1/4-1/2
 0.365 mi.
 1926 ft.**

**FORMER BRONX FREIGHT TERMINAL
 101 LINCOLN AVENUE
 BRONX, NY 10451**

NY BROWNFIELDS S117936673

N/A

**Relative:
 Lower**

BROWNFIELDS:

Program:	BCP
Site Code:	507967
Acres:	3.07
HW Code:	C203082
SWIS:	0301
Town:	New York City
Record Added Date:	05/15/2015
Record Updated Date:	10/03/2016
Update By:	JHOCONNE
Site Description:	Location: The Site is located in an urban area in the South Bronx and is bordered to the northeast by Bruckner Boulevard, to the southeast by Lincoln Avenue, to the southwest by Block 2316, Lot 35, which is part of the pier head and bulk head, followed by the Harlem River, and to the northwest by the Third Avenue bridge. Site Features: The property is currently developed with a one-story 19,450 sf commercial building constructed in 1931. The entire site is paved. Current Zoning/Use: The site is zoned M1-3/R8 residential/commercial, a Special Mixed Use District, and is currently occupied by a moving company and a bus company as a maintenance garage and yard. Historical Use: The subject property was historically used for coal storage (1891 - 1908), the New Jersey Central Rail Bronx Freight Terminal (1908 - 1950s), and crane repair, a paint shop, blacksmith shop, bus depot and vehicle repair shop (1968 - present). Site Geology and Hydrogeology: Subsurface soils at the Site consist of historic fill materials to a depth ranging from 5 to 7 feet below the surface followed by native silty-sand and peat layers. According to the USGS topographic map for the area (Central Park Quadrangle), the elevation of the property is approximately 5 feet above the National Geodetic Vertical Datum (NGVD). The area topography gradually slopes to the west. Groundwater occurs beneath the Site at a depth of approximately 7 feet below grade under water table conditions. Based on regional flow maps and the proximity to surface water, groundwater flow is expected to be to the southwest toward the Harlem River but is likely influenced by tidal fluctuations.

**Actual:
 4 ft.**

Env Problem:

Nature and Extent of Contamination: Soil - SVOCs (typically PAHs), pesticides (4,4' DDD, 4,4' DDE, 4,4' DDT) and metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel and zinc) above Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Use Soil Cleanup Objectives (RRSCO) in shallow soils. Results were typical of fill material found in the area. One petroleum related VOC was noted in deeper soil at boring 15B6 on the northwest side of the Site that exceed its UUSCO. Specifically, ethylbenzene at 31 parts per million, or ppm (USCOs of 1 ppm). Several SVOCs, including benz(a)anthracene at a maximum of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER BRONX FREIGHT TERMINAL (Continued)

S117936673

9.6 ppm (UUSCO of 1 ppm), benzo(a)pyrene at a maximum of 9 ppm (UUSCO of 1 ppm), benzo(b)fluoranthene at a maximum of 7 ppm (UUSCO of 1 ppm), benzo(k)fluoranthene at a maximum of 6.5 ppm (UUSCO of 0.8 ppm), chrysene at a maximum of 10 ppm (UUSCO of 1 ppm), Dibenz(a,h)anthracene at a maximum of 0.91ppm (UUSCO of 0.33 ppm) and indeno(1,2,3-cd)pyrene at a maximum of 4.6 ppm (UUSCO of 0.5 ppm) were noted in deeper soil samples. Groundwater -The following petroleum-related VOCs exceeded groundwater standards: benzene at 9.2 parts per billion (ppb), ethylbenzene at 280 ppb, isopropylbenzene at 95 ppb, naphthalene at 1,300 ppb, n-Propylbenzene at 20 ppb and toluene at 12 ppb at MW-6 on the northwest side of the Site in the vicinity of the petroleum contaminated soil. Soil Vapor - Tetrachloroethene (PCE) was detected at an elevated concentration of 161 micrograms per cubic meter (ug/m3) at SV-1 on the north side of the Site.

Health Problem:

Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available.

Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	7/21/2016 2:27:00 PM
Record Upd:	7/21/2016 2:27:00 PM
Updated By:	RJCOZZY
Own Op:	Owner
Sub Type:	E
Owner Name:	Meyer Chetrit
Owner Company:	101 Lincoln Associates Property LLC
Owner Address:	512 Seventh Avenue 16th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10018
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	Meyer Chetrit
Owner Company:	101 Lincoln Associates Property LLC
Owner Address:	512 Seventh Avenue 16th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10018
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	New York Public Library - Mott Haven Branch
Owner Address:	321 East 140th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Bronx, NY 10454
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

FORMER BRONX FREIGHT TERMINAL (Continued)

S117936673

Owner Company:	Bronx 1 Community Board
Owner Address:	3024 Third 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

AN217
WSW
1/4-1/2
0.371 mi.
1958 ft.

DEPOT 126TH ST
2460 2ND AVE
MANHATTAN, NY
Site 1 of 2 in cluster AN

NY LTANKS **S102143739**
NY Spills **N/A**

Relative:
Lower

LTANKS:

Site ID:	174482
Spill Number/Closed Date:	9709477 / 2004-04-12
Spill Date:	1997-11-14
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:	3101
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1997-11-14
CID:	369
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:	1997-11-14
Spill Record Last Update:	2004-04-13
Spiller Name:	Not reported
Spiller Company:	NYCT
Spiller Address:	2460 SECOND AVE
Spiller City,St,Zip:	NEW YORK, ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	146729
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE TRANSFERED FROM hALE TO tIBBE ON 10/15/03. NYCT DOB has no information about this tank failure other than there was a pressure

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPOT 126TH ST (Continued)

S102143739

Remarks: loss of the inner tank and the secondary held. The inner and outer tanks for 7&8 were tested again on 05/22/02 and they passed."
"double wall fiberglass tank #7 and #8 failed due to pressure loss inside tank"

Material:

Site ID: 174482
Operable Unit ID: 1052558
Operable Unit: 01
Material ID: 327825
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:

SPILLS:

Facility ID: 1209736
Facility Type: ER
DER Facility ID: 427056
Site ID: 472806
DEC Region: 2
Spill Date: 2012-11-08
Spill Number/Closed Date: 1209736 / 2013-01-09
Spill Cause: Storm
Spill Class: Not reported
SWIS: 3101
Investigator: HRPATEL
Referred To: Not reported
Reported to Dept: 2012-11-08
CID: Not reported
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: 2012-11-08
Spill Record Last Update: 2013-01-09
Spiller Name: SHERRY BULKLAY
Spiller Company: NYC TRANSIT MAINTENANCE
Spiller Address: 2460 2ND AVE
Spiller City,St,Zip: MANHATTAN, NY
Spiller Company: 999
Contact Name: SHERRY BULKLAY
Contact Phone: (646) 879-1433

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DEPOT 126TH ST (Continued)

S102143739

DEC Memo: "11/23/12-Hiralkumar Patel. 2:20 PM:- spoke with Sherry. she mentioned that waste oil spilled as waste oil tank flooded during storm. spill was contained inside the property on concrete floor and has been cleaned up. 11/26/12-Hiralkumar Patel. visited site. met Elizabeth Roman at depot. inspected spill area. the waste oil tank located in concrete box in repair shop. water got into the tank and pushed oil out. as per Ms. Roman, oil was contained in repair shop. all cleaned up. Elizabeth Roman Assistant General Manager Depot Operations Ph. (212) 712-5600 (O) (917) 468-3112 (C) Fax (212) 712-5602 email: elizabeth.roman@nyct.com 01/09/13-Hiralkumar Patel. after discussion with DEC Austin, case closed based on observations during the site visit on 11/23/12."

Remarks: "Waste Oil storage tanks flooded and spilled out onto ground and standing flood waters."

Material:

Site ID: 472806
Operable Unit ID: 1222660
Operable Unit: 01
Material ID: 2221397
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 300.00
Units: Gallons
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9212527
Facility Type: ER
DER Facility ID: 193234
Site ID: 163569
DEC Region: 2
Spill Date: 1993-02-04
Spill Number/Closed Date: 9212527 / 2000-12-27
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: 1993-02-04
CID: Not reported
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DEPOT 126TH ST (Continued)

S102143739

Date Entered In Computer: 1993-02-08
 Spill Record Last Update: 2000-12-27
 Spiller Name: Not reported
 Spiller Company: NYCTA
 Spiller Address: 2460 2ND AVE
 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 TIBBE TRANSFERED FROM HALE TO TIBBE ON 12/27/00. REFER TO 90-07322. REMEDIATION ONGOING."
 Remarks: "DURING TANK TEST PRODUCT VISIBLE ON TOP OF WATER IN MANWAY-NYCFD ON SITE NYCDEP NOTIFIED NO CALL BACK"

Material:

Site ID: 163569
 Operable Unit ID: 976961
 Operable Unit: 01
 Material ID: 402370
 Material Code: 0066A
 Material Name: unknown petroleum
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: -1.00
 Units: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

AN218
WSW
1/4-1/2
0.371 mi.
1958 ft.

126TH ST DEPOT -NYCT
2460 SECOND AVENUE
MANHATTAN, NY 10035
Site 2 of 2 in cluster AN

NY LTANKS **S106702967**
NY Spills **N/A**

Relative:
Lower

LTANKS:

Site ID: 174481
 Spill Number/Closed Date: 9007322 / 2005-06-30
 Spill Date: 1990-10-03
 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: MCTIBBE
 Referred To: Not reported
 Reported to Dept: 1990-10-04
 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

126TH ST DEPOT -NYCT (Continued)

S106702967

UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1990-10-10
Spill Record Last Update: 2005-06-30
Spiller Name: Not reported
Spiller Company: NYCTA
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: 193234
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE 10/04/90: ON 10/09/90, (3) ADDITIONAL 5K TANKS FAILED AIR TEST & WERE TAKEN OUT OF SERVICE, (1) PASSING TANK STILL IN SERVICE, FILL LINE TESTED,FILL LINE WAS LEAKING,1/7/91. 11/15/94: REASSIGNED FROM SIGONA TO ZHITOMIRSKY ON 11/15/94. TRANSFERED FROM HALE TO TIBBE ON 12/27/00. TANKS REPAIRED/REPLACED/UPGRADED. REMEDIATION ONGOING. SEE ALSO 92-12527, 95-01800 & 99-03002. Refer to 88-08896."
Remarks: "(2) 2K TANKS HAD AIR TEST,TANK #1 FAILED,2ND TANK PASSED,PART OF ONGOING SITE INVESTIGATION FOR REMEDIAL ACTION,TANK #1 TAKEN OUT OF SERVICE& PUMPED,TO BE REPLACED,4 OR 5 MONITORING WELLS ON SITE."

Material:
Site ID: 174481
Operable Unit ID: 944668
Operable Unit: 01
Material ID: 434740
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: 174481
Spill Tank Test: 1537650
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: 174484
Spill Number/Closed Date: 9912782 / 2004-05-04
Spill Date: 2000-02-09

Map ID
Direction
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MAP FINDINGS

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Database(s)

EDR ID Number
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126TH ST DEPOT -NYCT (Continued)

S106702967

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: 3101
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 2000-02-09
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: 2000-02-09
Spill Record Last Update: 2004-05-04
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller City,St,Zip: ***Update***, ZZ
Spiller County: 001
Spiller Contact: JAMES MCCULLAGH
Spiller Phone: (516) 293-8800
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 146729
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE After upgrade of tank, a test was performed before it was returned to service. The tank failed. It was determined that the failure was in the neck of the tank manway within the sump. The leak was repaired and the tank was retested and passed. Sump has subsequently been tested and passed so there was no release to the environment."
Remarks: "gross fail - tank contained diesel"

Material:

Tank Test:
Site ID: 174484
Spill Tank Test: 1548042
Tank Number: 1
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: 8808896
Facility Type: ER

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126TH ST DEPOT -NYCT (Continued)

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DER Facility ID: 458488
Site ID: 316443
DEC Region: 2
Spill Date: 1989-02-14
Spill Number/Closed Date: 8808896 / 2014-06-26
Spill Cause: Unknown
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.

SWIS: 3101
Investigator: RVKETANI
Referred To: 041816 PBS INVESTG WAIVER LETTER
Reported to Dept: 1989-02-14
CID: Not reported
Water Affected: 060712 MONTHLY MONIT
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: DEC
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: 1989-04-05
Spill Record Last Update: 2016-04-18
Spiller Name: Not reported
Spiller Company: TRANSIT AUTHORITY
Spiller Address: Not reported
Spiller City,St,Zip: BROOKLYN, 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 TIBBE 11/14/94: REASSIGNED FROM SIGONA TO ZHITOMIRSKY ON 11/14/94. TRANSFERED FROM HALE TO TIBBE ON 12/27/00. SEE ALSO 88-08930, 88-09111 & 90-07322. TANKS REPLACED/REPAIRED/UPGRADED. REMEDIATION ONGOING. 06-17-08: Spill # 0502231 has been closed and consolidated under this number. 0502231 was a release of #4 heating during a delievery from a disconnected fill line. 801 gallons were delievered before the problem was discovered. NYCT DOB determined that 439 gallons of fuel oil were recovered during immediate cleanup, 68 gallons were recovered from the facility s oil/water separator system, and at least 109 gallons and as much as 275 gallons of the remaining fuel oil spilled into the UST via the open fill pipe. Based on these volumes, between 19 and 185 gallons of fuel oil could have spilled into the pea gravel surrounding the USTs. The residual contamination will be addressed during the full site remediation. 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. Spill reassigned to me during February 2012. The spill was called in due to the failure of the diesel USTs. Two thirds of the southern and eastern parts of the site were affected. An associated spill numbered 9007322 was called in, referred to spill #8808896 and closed. This later spill was the result of tank test failures for the diesel USTs. Monthly progress update meetings are taking place. 4/26/12 - Raphael Ketani. Monthly groundwater monitoring is being performed by URS. 12/18/12 - Raphael Ketani. There have been monthly to bimonthly (once every two months) update

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126TH ST DEPOT -NYCT (Continued)

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meetings with the NYCT regarding this and 17 other sites. The information for the sites is in the UIS under e-docs, multiple sites, DER, Region 2, Petroleum Spills, NYCT. 4/28/14 - Raphael Ketani. As of about this date, documents are no longer archivable via the e-docs system in the UIS. The succeeding archive system is DecDocs. 6/9/14 - Raphael Ketani. Gregory Mathelier (CONSTRUCTION ADMINISTRATOR, UST & ENVIRONMENTAL REMEDIATION PROGRAM, ON-CALL PROJECTS/ CAPITAL PROGRAM MANAGEMENT, MTA NEW YORK CITY TRANSIT, 300 CADMAN PLAZA, 6TH FL., 6376, BUS: 718-613-0029/ CELL: 646-879-1970, E-MAIL: GREGORY.MATHELIER@NYCT.CO) called me today to say that the Mother Clara Hale Depot at 146th Street will be rebuilt on top of the present site. Once it is rebuilt and ready for operation during January 2015, the buses from the 126th Street Depot will be transferred to there and the 126th Street Depot will be left empty. Once empty, the 126th Street Depot will be returned to the City. Mr. Mathelier said that he was surprised by this news and never knew that the 126th Street Depot was NOT owned by the NYCT. However, that is the plan he heard from administrative staff at the NYCT. I asked Mr. Mathelier what the future use of the site will be. He said that he didn't know. With that, the conversation ended. In a later e-mail, Mr. Mathelier also informed me that he found out from his superiors that the site was sitting on top of an old slave burial ground. So excavating what little contamination is still present was out of the question. Mr. Mathelier sent me the Petition for Spill Closure Report, June 2014 and dated 6/6/14. It was written that the amount of the release was unknown. The south and east parts of the site were affected. Depth to groundwater varies from 3.5 feet to 11 feet below grade. A pump and treat system was installed. During 1993, 27,400 gals. of product was recovered. The system was permanently shut down during February 2001 due to the loss of efficiency of this collection method. This was followed by bioremediation with bacteria and nutrients during the rest of 2001. Three rounds of surfactant injections took place with BioSolve from January to March of 2004. Groundwater monitoring is continuing. The report also described the 4 spill cases that were closed by the former DEC NYCT spill case manager, Mark Tibbe. These cases were: 9007322; 0502231; 0509617; and 0513919. Spill 9007322 concerned the diesel USTs at the southeast corner of the site. There were tank test failures. So the spill was called in. The amount of the release is unknown. It was not certain from the case record whether this spill is a duplicate of 8808896. There were no case notes. Spill 0502231 was opened up due to a #4 heating oil spill. A delivery took place to an out of service 8,000 gal. UST (tank #1), instead of the neighboring in service 8,000 gal. UST (tank #2) during May 2005. This was the result of tank #2 being tagged and locked out and not tank #1. Product came out of the piping sump to tank #1. The spill was contained to the concrete vault and an non-functioning zipper drain. About 801 gals. of oil spilled. The spill took place in the southwest part of the depot. Of the total spilled, 439 gals. was recovered during the initial clean up. Another 68 gals. was recovered by the oil water separator. It was estimated that 19 to 185 gallons of product was unaccounted for. The site investigation was completed during April 2008. Borings SB-7 to SB-10 were performed 15 feet bgs. The soils encountered were sand. No product was seen in soil samples from the 4 borings. Soil analytical results revealed minor VOC exceedences of TAGM standards. Benzo series SVOC exceedences were noted (case manager's note: the results looked like historical fill). There were no groundwater VOC

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exceedences and only 1 sample with 2 SVOC exceedences. Spill 0509617 involved the failure of the piston at hydraulic lift #3. About 270 gals. of hydraulic fluid were released during November 2005. The lift is in the southwest part of the site. During March 2006, soil excavating took place. A trench 5 feet deep, 12 feet wide and 14 feet long was cut. However, in the process of excavating the soil, the fill line to the #2 oil USTs was cut. Number 2 oil was released and spill number 0513919 was opened. Six soil samples were taken at the ground surface in the hydraulic fluid spill area on 3/10/06 and 3/13/06. The results were almost entirely non-detect. Groundwater was not affected. Spill 0513919 was estimated as 240 gals. of product. About 180 gals. was recovered from the piston sump. Sixty gallons was unaccounted for. A trench 10 feet long, 2 feet wide and 2 feet deep was dug. On 3/21/06, five PLine soil samples were collected at the very top of the ground for the #2 oil spill. The results had very high exceedences for VOCs. The investigation for the #2 oil spill was conducted during November 2006. Borings MW-10 to MW-12 were conducted. At each boring, the soil samples had elevated PID readings and strong odors with many VOC exceedences. However, only the soil sample from MW-11 had many high VOC and naphthalene exceedences. The sample from MW-12 had 3 VOC exceedences. During January 2007, a thin layer of product was seen in each well. MW-11 had 0.02 feet of product. The rest of the wells had just sheens. During March 2007, MW-13 and MW-14 were installed. Again, there were elevated PID readings and strong oil odors. The NYCT believes that the 60 gals. of product is adsorbed to the soil. During a September 29, 2011 meeting between staff from the NYCT and DEC, it was agreed that no further action may be warranted and that the site is a candidate for spill closure. This agreement was based upon the lack of substantial impacts or the absence of substantial measureable product. Groundwater monitoring is taking place monthly. MW-04 has from 0.01 to 0.13 feet of product on 11/18/13. MW-01 had 0.01 to 0.03 feet of product on 1/14/14 and 2/14/14. RW-01 had 0.01 feet of product on 4/13/14 and 5/13/14. 6/26/14 - Raphael Ketani. A case review took place today regarding the site. After consideration of the information contained in the file, it was determined that the case could be closed. This was based upon the presence of very little product in only 3 wells, the lack of collectible product since January 2011, the inability to dig up the remaining contamination due to the slave burial ground and the successful remediation of the 4 previous spills. It was determined that the residual contamination was not a threat to the public or the environment. Therefore, the spill case was closed today. 1/8/15 - Raphael Ketani. Today I reviewed the Dvirka & Bartilucci October 10, 2014 Monitoring Well Decommissioning/Abandonment Summary Letter Report. The work was performed from August 20 to 22 and from August 25 to 26, 2014. Decommissioning/abandonment was not performed for wells MW-A2 and MW-09 as they had previously been paved over and destroyed. The wells which were abandoned were: MW-1 to 14, A1, A3, A4 and RW-1 and 2. A jackhammer and concrete saw were used to remove each well manhole and the surrounding concrete. A hollow stem auger rig was used to overdrill each well to 5 feet below grade, thereby exposing 5 feet of riser. This was not done for RW-2 as the riser was made of steel. This well was simply just grouted. Each well was grouted from the bottom up using a tremmie and the upper 5 feet of the riser was cut off. Any soil with petroleum odors was drummed. A 1 foot concrete patch was installed at each former well location. The wells in the

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126TH ST DEPOT -NYCT (Continued)

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sidewalks had their entire flags replaced. A total of one quarter cubic yard of petroleum contaminated soil was shipped out via AARCO for disposal at Clean Earth in Carteret, New Jersey. All USTs will be cleaned out and closed in place as per DEC regulations. 1/15/15 - Raphael Ketani. Today I received the COMPLETE October 10, 2014 Monitoring Well Decommissioning/Abandonment Summary Letter Report. I reviewed all of the attachments that had been missing. I accepted the report without comment. 7/27/15 - Raphael Ketani. I received a call today from Tracey Bell, Assistant Vice President of the NYC Economic Development Corporation [(212) 312-3752/(347) 672-6297/TBell@nycedc.com]. She wanted to know who had responsibility for the USTs as the EDC was considering having the site developed. I told her that it was whichever entity presently owns them. She asked whether the spill case would have to be reopened if they took out the USTs and found contamination or if they dug somewhere else and found contamination. I told her that the spill would have to be called in and the case would have to be reopened. However, I added, if circumstances prevented excavation (i.e. close to utilities, would endanger a road, etc.), then the contamination could be left in place. Ms. Bell stated that since the spill would be reopened, then the site might not be developed. 2/23/16 - Raphael Ketani. Today I received an email from Cadecia Josephs (718) 613-0296, Associate Project Manager I with NYCT and assistant to Mr. Mathelier. A letter work plan was attached which described the proposed investigation of the UST tank field at the former depot. Ms. Josephs described the plan in the text of her email. She wrote the following: In preparation for the closure in place of the UST tank farm located at the former 126th street Bus Depot (former Spill No. 8808896, closed on June 26, 2014), a soil and groundwater sampling program is being proposed to investigate any potential subsurface contamination. The attached letter details the work to be performed by a subcontractor to our Consultant (Dvirka and Bartilucci Consulting Engineers). The tank farm consists of eight 4,000 gallon USTs encased in a concrete vault which extends to 20 ft below grade, this vault is backfilled with approximately eleven feet of pea gravel. A total of 12 soil borings and 4 groundwater probes are proposed to be completed in the vicinity of the USTs and associated fuel lines. Each tank vault exterior soil borings (TCSB-01 through TCSB-04) will be advanced using a direct push drill rig to approximately 22 feet below grade and 5 to 7 feet in the vicinity of the below grade fuel lines (TCSB-05 through TCSB-12). One soil boring will be advanced inside the tank vault (TCPB-01) using a guzzler to a depth of approximately 13 feet below grade surface. A total of 4 groundwater probes (TCGP-01 through TCGP-04) are proposed to be installed in the vicinity outside the tank vault and the below grade lines to a depth of 2 feet below grade. One (1) groundwater probe will be installed inside the vault (TCGP-01) to where liquid is encountered within the tank vault. All samples will be analyzed for STARS VOCs and SVOCs via USEPA Methods 8260 and 8270, respectively. Groundwater samples will be compared to the Class GA Groundwater Standards and Guidance Values and soil samples will be compared to the Soil Cleanup Objectives provided on Table 3 of NYSDEC s CP-51 Soil Cleanup Guidance document. All field activities will be performed in accordance with the Consent Order negotiated between NYCT and the NYSDEC. Upon completion of the soil and groundwater investigation and the receipt of analytical results, a Soil and Groundwater Investigation Report will be submitted to the NYSDEC for its review. If the proposed investigation plan meets the

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NYSDEC s approval your written confirmation would be greatly appreciated. Feel free to contact Mr. Gregory Mathelier at (718) 613-0029 with any questions you may have regarding this matter. 2/25/16 - Raphael Ketani. I reviewed the Dvirka & Bartilucci 1/29/16 Technical Scope of Work and Estimated Cost Proposal letter. The subject eight 4,000 gallon USTs and associated piping were evacuated, cleaned out and filled with concrete on December 21, 2015. In the letter plan, Dvirka & Bartilucci (D&B) proposes to conduct a soil and groundwater investigation (as described above) of the vault area and the associated piping. The pea gravel inside the vault will be screened at one location within the vault by conducting a soil boring (TCPB-01) and an assessment will be made of any petroleum contamination that is found inside. If liquid is discovered in the vault, then groundwater probe TCGP-01 will be constructed. Twelve soil borings and four groundwater probes will be completed in the vicinity of the vault and next to the piping. The vault floor slab is 7 feet thick. So no borings will be conducted through the floor. Four borings will be drilled in the vicinity of the vault to a total depth of 22 feet, 2 feet below the vault floor. Soil borings adjacent to the piping will be drilled to 5 to 7 feet below grade (8 borings). Groundwater probes TCGP-01 to TCGP-04 will be installed at selected locations (see Figure 1 in the letter). Each boring location will be hand cleared to 6 feet below the depot floor. A geophysical survey will be completed in order to locate utilities in the area. One Call utility mark outs will also be conducted. Groundwater is expected to be found at 3 to 8 feet below grade in the vicinity of the vault. Each probe will be advanced to 2 feet below the water table. A burial ground exists under the southwest part of the site. Access to drill will be coordinated with the proper authorities. If archaeological materials are encountered while drilling, then work will stop and NYCT will be notified. On pages 7 and 8 of the letter plan, D&B describes a list of tasks and assumptions regarding the proposed work which form most of the basis for estimating the cost of the investigation. These tasks comprise Task 1 - the investigation. Task 2 will be to write the tank field investigation report, have it reviewed by D&B staff and submit it to the DEC. The total cost of the project is estimated to be \$96,276. I found the letter plan to be acceptable and sent a written letter to Mr. Mathelier approving the Technical Scope of Work and Estimated Cost Proposal letter. In the DEC approval letter, I indicated that a groundwater flow map must also be included in the investigation report. Also, I stated that a schedule for the various tasks must be submitted to the Department once the start date for the investigation is confirmed. 4/18/16 - Raphael Ketani. A PBS Request for Waiver letter dated 4/18/16 was submitted by NYCT to Leszek Zielinski, EE II and head of the PBS Unit. In the letter, the NYCT requested that they be allowed to forego the soil investigation around the USTs, which is required by 6NYCRR 613-2.6(c) when tank systems are being abandoned. The reason for this request is that the NYCT doesn't want to potentially risk disturbing the human remains that may be adjacent to the UST pad. "DISCONNECTED & EXCAVATED TANK."

Remarks:
Material:
Site ID: 316443
Operable Unit ID: 924790
Operable Unit: 01
Material ID: 453655
Material Code: 0022

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Site

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126TH ST DEPOT -NYCT (Continued)

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Material Name: waste oil/used oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 100.00
 Units: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported
 Site ID: 316443
 Operable Unit ID: 924790
 Operable Unit: 01
 Material ID: 2147661
 Material Code: 0002A
 Material Name: #4 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 801.00
 Units: Gallons
 Recovered: 700.00
 Resource Affected: Not reported
 Oxygenate: Not reported
 Site ID: 316443
 Operable Unit ID: 924790
 Operable Unit: 01
 Material ID: 1971143
 Material Code: 0008
 Material Name: diesel
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: -1.00
 Units: Gallons
 Recovered: -1.00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

219
 ESE
 1/4-1/2
 0.372 mi.
 1965 ft.

SOUTH BRONX CHARTER SCHOOL
611 EAST 133RD STREET
BRONX, NY 10454

US BROWNFIELDS 1018119622
N/A

Relative:
Lower

US BROWNFIELDS:

Property Name: SOUTH BRONX CHARTER SCHOOL
 Recipient Name: City of New York
 Grant Type: BCRLF
 Property Number: Not reported
 Parcel size: .2
 Latitude: 40.8030804
 Longitude: -73.9185966
 HCM Label: Not reported
 Map Scale: Not reported
 Point of Reference: Not reported
 Highlights: Not reported
 Datum: North American Datum of 1983

Actual:
19 ft.

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SOUTH BRONX CHARTER SCHOOL (Continued)

1018119622

Acres Property ID:	184862
IC Data Access:	Not reported
Start Date:	05/01/2013 00:00:00
Redev Completion Date:	Not reported
Completed Date:	08/06/2014 00:00:00
Acres Cleaned Up:	.2
Cleanup Funding:	80000
Cleanup Funding Source:	Brownfields RLF Grant Funds Subgranted
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	EPA
Grant Type:	Hazardous
Accomplishment Type:	Not reported
Accomplishment Count:	0
Cooperative Agreement Number:	96295712
Start Date:	Not reported
Ownership Entity:	Private
Completion Date:	Not reported
Current Owner:	South Bronx Charter School for International Cultures & Arts
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	08/06/2014 00:00:00
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported

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SOUTH BRONX CHARTER SCHOOL (Continued)

1018119622

PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Y
PCBs cleaned up:	Y
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Y
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.2
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.2
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Y
Cadmium cleaned up:	Y
Chromium cleaned up:	Y
Copper cleaned up:	Not reported
Iron cleaned up:	Y
mercury cleaned up:	Y
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Y
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Y
Unknown clean up:	Not reported
Arsenic contaminant found:	Y
Cadmium contaminant found:	Y
Chromium contaminant found:	Y
Copper contaminant found:	Not reported
Iron contaminant found:	Y
Mercury contaminant found:	Y
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Y
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Y
Unknown contaminant found:	Not reported
Future Use: Multistory	0
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

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SOUTH BRONX CHARTER SCHOOL (Continued)

1018119622

Property Description: The site is located in the Port Morris section in the Bronx. The site is 8,772-square feet and is bounded by Cypress Place to the north, East 133rd Street to the south, Cypress Place to the east, and Cypress Place to the west. Prior to development, the site was vacant but was most recently used as an adult entertainment establishment and contained a two-story 16,000 square foot building. The future use of the site consisted of complete demolition of the previous building for the construction of the new charter school. The new school covers the entire building lot. The total square footage of the school is 39,000 square feet and consists of five floors with no grade-level open spaces.

Below Poverty Number: 10517
Below Poverty Percent: 2.3%
Meidan Income: 9315
Meidan Income Number: 17701
Meidan Income Percent: 1.3%
Vacant Housing Number: 769
Vacant Housing Percent: 30.8%
Unemployed Number: 1594
Unemployed Percent: 14.9%

Property Name: SOUTH BRONX CHARTER SCHOOL
Recipient Name: City of New York
Grant Type: BCRLF
Property Number: Not reported
Parcel size: .2
Latitude: 40.8030804
Longitude: -73.9185966
HCM Label: Not reported
Map Scale: Not reported
Point of Reference: Not reported
Highlights: Not reported
Datum: North American Datum of 1983
Acres Property ID: 184862
IC Data Access: Not reported
Start Date: 05/01/2013 00:00:00
Redev Completion Date: Not reported
Completed Date: 08/06/2014 00:00:00
Acres Cleaned Up: .2
Cleanup Funding: 35292
Cleanup Funding Source: Cost Share
Assessment Funding: Not reported
Assessment Funding Source: Not reported
Redevelopment Funding: Not reported
Redev. Funding Source: Not reported
Redev. Funding Entity Name: Not reported
Redevelopment Start Date: Not reported
Assessment Funding Entity: Not reported
Cleanup Funding Entity: Private funding
Grant Type: Hazardous
Accomplishment Type: Not reported
Accomplishment Count: 0
Cooperative Agreement Number: 96295712
Start Date: Not reported
Ownership Entity: Private
Completion Date: Not reported
Current Owner: South Bronx Charter School for International Cultures & Arts

Map ID
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MAP FINDINGS

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SOUTH BRONX CHARTER SCHOOL (Continued)

1018119622

Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	08/06/2014 00:00:00
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
Lead contaminant found:	Y
Lead cleaned up:	Y
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Y
Other metals cleaned:	Y
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Y
PCBs cleaned up:	Y
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Y
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.2
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.2
Future use industrial acreage:	Not reported

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SOUTH BRONX CHARTER SCHOOL (Continued)

1018119622

<p>Greenspace acreage and type: Superfund Fed. landowner flag: Arsenic cleaned up: Cadmium cleaned up: Chromium cleaned up: Copper cleaned up: Iron cleaned up: mercury cleaned up: Nickel Cleaned Up: No clean up: Pesticides cleaned up: Selenium cleaned up: SVOCs cleaned up: Unknown clean up: Arsenic contaminant found: Cadmium contaminant found: Chromium contaminant found: Copper contaminant found: Iron contaminant found: Mercury contaminant found: Nickel contaminant found: No contaminant found: Pesticides contaminant found: Selenium contaminant found: SVOCs contaminant found: Unknown contaminant found: Future Use: Multistory Media affected Bluiding Material: Media affected indoor air: Building material media cleaned up: Indoor air media cleaned up: Unknown media cleaned up: Past Use: Multistory Property Description:</p>	<p>Not reported Not reported Y Y Y Not reported Y Not reported Not reported Y Not reported Y Y Y Not reported Y Y Y Not reported Not reported Y Not reported Y Not reported 0 Not reported Not reported Not reported Not reported Not reported Not reported Not reported The site is located in the Port Morris section in the Bronx. The site is 8,772-square feet and is bounded by Cypress Place to the north, East 133rd Street to the south, Cypress Place to the east, and Cypress Place to the west. Prior to development, the site was vacant but was most recently used as an adult entertainment establishment and contained a two-story 16,000 square foot building. The future use of the site consisted of complete demolition of the previous building for the construction of the new charter school. The new school covers the entire building lot. The total square footage of the school is 39,000 square feet and consists of five floors with no grade-level open spaces.</p>
<p>Below Poverty Number: Below Poverty Percent: Meidan Income: Meidan Income Number: Meidan Income Percent: Vacant Housing Number: Vacant Housing Percent: Unemployed Number: Unemployed Percent:</p>	<p>10517 2.3% 9315 17701 1.3% 769 30.8% 1594 14.9%</p>

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220
North
1/4-1/2
0.382 mi.
2017 ft.

JOHN GEUBES
262 ALEXANDER AVENUE
BRONX, NY

NY LTANKS **S105998994**
NY Spills **N/A**

Relative:
Higher

LTANKS:

Actual:
32 ft.

Site ID: 295220
Spill Number/Closed Date: 0200169 / 2003-07-16
Spill Date: 2002-04-05
Spill Cause: Tank Failure
Spill Source: Private Dwelling
Spill Class: Known release with minimal potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2002-04-05
CID: 405
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: 2002-04-05
Spill Record Last Update: 2003-07-16
Spiller Name: JOHN GEUBES
Spiller Company: JOHN GEUBES
Spiller Address: 262 ALEXANDER AVENUE
Spiller City,St,Zip: BRONX, NY 10463-001
Spiller Contact: PAUL WIATER
Spiller Phone: (718) 763-6100
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 238892
DEC Memo:

Remarks: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 04/11/2002Eastman did the cleanup of the #2fo in the basement, manifests and report to follow. The contact at the building is Christine in apt. 4 phone:718-401-4926. 7/16/2003 Tipple updating//see spill # 03-01707 for active spill# also closed spill #03-03928 at this location"
"caller states that the customer just called him and stated his tank just ruptered - it is unknown how much spilled - crew enroute to investigate and clean up"

Material:

Site ID: 295220
Operable Unit ID: 851168
Operable Unit: 01
Material ID: 525165
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHN GEUBES (Continued)

S105998994

Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:

Facility ID: 0303928
Facility Type: ER
DER Facility ID: 238892
Site ID: 295221
DEC Region: 2
Spill Date: 2003-07-11
Spill Number/Closed Date: 0303928 / 2003-07-16
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: CESAUYER
Referred To: Not reported
Reported to Dept: 2003-07-14
CID: 418
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: 2003-07-14
Spill Record Last Update: 2003-07-16
Spiller Name: Not reported
Spiller Company: ABC TANK
Spiller Address: Not reported
Spiller City,St,Zip: NY
Spiller Company: 999
Contact Name: RODNEY GONZALES
Contact Phone: (347) 232-2206
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER/TIPPLE 7/15/03 1545 HRS - SAWYER/TIPPLE - VISITED THE ABOVE PROPERTY TO CHECK CURRENT STATUS AND TO FOLLOWUP. REFER TO SPILL #030107 FOR MORE INFORMATION. 7/16/2003 Tipple updating// referred to spill # 03-30107 closing this spill #"

Remarks:

"caller states that he was contacted by the homeowner regarding oil that had been dumped out of the temporary tank into a pit on the ground. They had initially indicated that it was inside the premises. When they had pumped out the tank on the 11th they had placed 20 gallons from the temporary tanks into the main tank. caller states that on July 9th abc tank had installed 2 new 275gallon tanks into the oil room and had done all new piping as well and they disconnected and drained oil from temp tank into a pit located at the base of the alley way drain "

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MAP FINDINGS

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EDR ID Number
EPA ID Number

JOHN GEUBES (Continued)

S105998994

Material:

Site ID: 295221
Operable Unit ID: 872183
Operable Unit: 01
Material ID: 504791
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:

Facility ID: 0301707
Facility Type: ER
DER Facility ID: 238892
Site ID: 66777
DEC Region: 2
Spill Date: 2003-05-16
Spill Number/Closed Date: 0301707 / 2011-11-04
Spill Cause: Equipment Failure
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.

SWIS: 0301
Investigator: AXDORONO
Referred To: Not reported
Reported to Dept: 2003-05-16
CID: 418
Water Affected: Not reported
Spill Source: Tank Truck
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2003-05-16
Spill Record Last Update: 2012-12-11
Spiller Name: Not reported
Spiller Company: EMBASSADOR FUEL
Spiller Address: 131 EAST 138TH STREET
Spiller City,St,Zip: OTHER ADDRESS OF SAME BLD, ZZ
Spiller Company: 001
Contact Name: KEITH BARTLEY
Contact Phone: (917) 669-1093
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 5/19/03 - ROSSAN, DDO - Called Mr. Kieth Bartley, who confirmed that contaminated soil letter should be sent to: ATT: Mr. Kieth Bartley c/o USA Tanks Plant Maintenance 206 Grandview Avenue Staten Island, NY 10303 5/22/03 TIPPLE UPDATING/ SITE VISIT ON THE

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JOHN GEUBES (Continued)

S105998994

16TH REVEALED OIL FROM RUPTURED TANK ON TANK ROOM FLOOR, SEAPING THROUGH THE SUBSURFACE INTO THE BOILER ROOM, SUMP IN BOILER ROOM FLOOR, DRAIN IN WALKWAY OUTSIDE BASEMENT DOOR, BELOW VENT/FILL LINE SATURATING BRICK STEPS AND WALKWAY DOWN TO BASEMENT DOOR, AND HAD BEEN TRACKED THROUGHOUT THE AREA. A SUBSEQUENT VISIT 5/19 REVEALS THAT OIL WAS STILL DRAINING OUT OF THE SATURATED SOILS INTO THE BOILER ROOM, AND ONLY THE BEGINNINGS OF A SURFACE CLEANUP HAD OCCURED TO DATE. 7/16/2003 Tipple updating// spills # 02-00169 and 03-03928 at this address closed and referred to this spill # contaminated soil letter sent to both property owner: Estate of Michael McSherry 3616 Route 94 Chester, NY 10918-1149 and Management Company Classic Realty- John Gubias 3600 Feildston Rd Bronx, NY 10463----718-601-5858 7/15 site visit revealed oil still seeping into sump and along the wall in the boiler room. The walkway sump with soil walls was full of fresh oil, stairs in the walkway and laid up stone foundation wall between the tank room and the walkway were still contaminated with a coating of oil. The new surface spill appeared to be impacting the walkway outside the basement door and the soil walled sump in the walkway. 5/5/04: Tipple sent a letter requesting cleanup details and documentation. certified mail # 7001 0360 0000 8150 4272 11/30/04: Sent letter requesting documentation of work 05/19/06: This spill is transferred from Mr.Koon to Q.Abidi. Called Keith Bartley at (917)669-1093. Left message to call me back. 06/23/06: Contacted to Kristen at (718)981-5710 she told temporary tank set there. Mr.Keith Bartley didn't do the complete job for this spill. She will find out the information about the spill and she will call me back. -QA 08/30/06: Called Keith Bartley and left message to call me back. -QA 09/11/06: Contacted Mr. Keith Bartley(917)669-1093 he said that he will send closing confirmation letter very soon. -QA 10/10/06: Mr. John Herbig (Intech Environmental)called me and said he is going to take soil samples from the basement after chemical analysis he will send me the report for closing the spill. -QA 10/19/06: Talked to John Herbig he said he has collected soil samples from the basement and sent to chemical lab for analysis as soon as he will get the report he will send it to me. -QA 10/26/06: Contacted Mr. John Herbig he said that he received lab results of soil samples he will fax it to me. -QA 11/13/06: Mr. John Herbig (Impact Environmental) called me and said soil sample report has come from the lab. He will mail me the report in a week. -QA 11/16/06: Mr. John Herbig called me and said that he has mailed me the soil sample report in couple of days I will receive that. The soil sample data which he faxed me is not readable. i am waiting to receive his mail. -QA 11/27/06: Reviewed the Investigation Summary Report dated November 16, 2006 [in eDocs]. The report presents soil sample results which indicate that a release of petroleum has occurred and soil contamination present at the site. The Department requires additional investigation to determine if there has been an impact to groundwater and to fully delineate soil and groundwater contamination. Sent a letter to Mr. Morris Arlos (owner) to prepare a Work Plan for additional investigation and submit it to Department within 30 days. -QA 12/14/06: Received letter from Mr. Kevin Kleaka, Project Manager (Impact Environmental) that additional investigation activities are not possible in the basement of the building due to limited place. He is going to break the concrete of the basement to excavate the contaminated soil. Additional soil samples will be taken at the site after excavation and removal of the contaminated soil to demonstrate the effectiveness of the remedial activities. -QA 12/20/06: Called Mr. Kevin Kleaka

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JOHN GEUBES (Continued)

S105998994

(Consultant and Project Manager) at (631)269-8800 and said to make two temporary well at the side walk of 262 Alexander Avenue to check the potential impact of groundwater. Before that we will not review any remedial plan. -QA 01/08/077: Received phone call from John Herbig of Impact Env't'l, regarding DEC's request for two groundwater samples in sidewalk outside site building; he noted there is already a well in sidewalk related to investigations at 40th Police Precinct, across Alexander Ave. from site. He asked if it would be acceptable to just sample that well, rather than installing two new wells in sidewalk. After reviewing location of existing well (MW-5 from 40th Precinct investigations) which is west-northwest of ASTs in basement of site bldg, and location of soil sample with TAGM exceedance for VOCs, SP-2, and considering that URS has established local groundwater flow direction at 40th Pct. is to west-northwest, J. Kolleeny told Mr. Herbig that sampling of well MW-5 would be acceptable to evaluate impacts to groundwater from this spill. After sampling well, Impact Env't'l can prepare a remedial action plan. - J. Kolleeny 01/11/07: Talked to Mr. John Herbig at (631)774-5597, received his fax regarding groundwater sample results. MTBE is high. [Only compound greatly exceeding its GW std. was MTBE, suggesting main impact to GW is from 40th Police Precinct across street to west.] Now Impact environmental can submit remedial action plan to DEC regarding this spill. -QA 02/05/07: Called Mr. John Herbig (631)774-5597 and reminded him to send electronic version single Pdf file for both the reports, Investigation Summary report and Corrected Action Plan. After receiving that we will approve your plan. -QA 02/07/07: Reviewed the corrective Action Plan dated January 29, 2007 for this site, submitted by impact environmental. The report proposes excavation of an area of residual soil contamination beneath the basement floor at the site, followed by collection of end-point soil samples. The corrective Action plan is approved. Letter mailed out to responsible party. -QA 05/09/07: Called Mr. John Herbig (631)774-5597 and discussed regarding spill. He said that at this site owner is waiting when all tenants will be relocated then work will be started at this site. -QA 12/04/2007: This spill case was transferred to A. Doronova. AD 12/06/2007: Called and spoke to Mr. John Herbig of Impact Env. regarding remedial action plan implementation. He told me that First Alexander LLC was potential buyer and that this company is no longer involved with this property, and due that RAP was not implemented at the site. Called to Building Management (718) 601-5858 of this property. Spoke with a manager. He told that First Alexander LLC is the current owner of this site. This company bought the property approximately one year ago. Now this property under new contract for sale. Received a call from Mr. Morris Arlos - the owner of First Alexander LLC. He confirmed that this property is now under contract. The closing is scheduled on the beginning of January 2008. The new owner - Galaxy was informed about the spill case and agreed to do site remediation, according to Mr. Morris Arlos. Contact person for the Galaxy - Richard Sica, phone: (718) 601-7000. Will contact Galaxy after January 10, 2008. AD 12/07/2007: Spoke to Mr. Sica. His company is aware of the spill and remedial action plan. He will contact us after site purchase to discuss further actions. AD 02/14/2008: Spoke with Mr. Sica regarding the site. He told me that the closing was moved on early March. AD 04/21/2008: Called and left a message to Building Management. AD 08/07/2008: Called and left a message to R. Sica of Galaxy. AD 11/04/2008: Called and left a message to R. Sica. and to Building Management. AD 12/08/2008: Looked

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JOHN GEUBES (Continued)

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in the ACRIS database, the property now belongs to The Community Preservation Corp. (CPC). Called and spoke with Kristy Seyfert of CPC, phone: 212-869-5300, fax: (212)659-0102. She confirmed that CPC owns the property. She asked me to sent them an official letter and NYSDEC Spill report. AD 12/18/2008: Sent a letter to CPC with a request to prepare and submit a RAP to DEC till January 29, 2009. Faxed a copies of the letter and NYSDEC Spill report to Ms. Seyfert. DL PDF copy to eDocs. AD 02/19/2009: Called and left a message to Ms. Seyfert of CPC regarding past due of RAP submission. Later received a phone call from K. Seyfert. She said that she did not received the letters. Sent these letters again via fax and e-mail: From: Ainura Doronova [mailto:axdorono@gw.dec.state.ny.us] Sent: Thursday, February 19, 2009 3:26 PM To: Kristy Seyfert <kseyfert@communityp.com Subject: 2515 Seventh Ave., New York NYSDEC Spill No. 0401623 and 262Alexander Ave., Bronx NYSDEC Spill No. 0301707 Dear Ms. Seyfert: Attached please find copies of the letters, regarding above-referenced sites, which were sent to you previously, but were not received by your company according to your statement. Please be advised that response is time sensitive. To receive a deadline postponement you should submit an official request. Sincerely, Ainura Doronova Environmental Engineer later received an e-mail from her saying: Thank you I am in receipt of the attachment and will address the situation ASAP. Kristy Seyfert Loan Analyst The Community Preservation Corporation 28 E. 28th Street, 9th Fl. New York, NY 10016 T: (212) 869-5300 x560 F: (212) 659-0102 kseyfert@communityp.com 05/18/2009: Did not receive any response yet. Called and left a message to Ms. Seyfert. AD 07/27/2009: Called and spoke with Ms. Seyfert - (212)869-5300, ext 560. She said that this case was referred to someone else. This person is on vacation till July 30, 2009. Left my contact info for her. AD 10/02/2009: Called and spoke with K. Seyfert of CPC regarding the submission of the report. She referred me to Ms. Jill Belli - contact person for this case (ext. 626). Called her and left a message. AD 12/08/2009: Did not receive any response from Ms. Belli of CPC. Called and left a message to Ms. Belli again. AD 12/09/2009: Called and again could not reach Ms. Belli or Ms. Seyfert. Will send Remediation Needed Letter to Mr. John McCarthy - vice president of CPC. AD 12/14/2009: Issued and sent Remediation needed Letter to Mr. McCarthy of CPC. Response is due January 25, 2010. DL pdf copy to eDocs. AD 02/2010: Did not receive any response. AD 09/12/2011: Was forwarded an e-mail from Nick Recchia regarding implementation of the 2007 RAP.: Dear Mr. Paul John. Our client is ready to implement the approved corrective action plan which was approved in 2007 and is attached. The contractor will have the area of excavation open for DEC inspection this Wed. 9/14/2011. We would like to move forward in closing this spill case file upon your inspection and reviews ASAP. If you could have someone available to inspect the excavation this Wednesday it would be appreciated I will be on site to collect endpoint soil samples. If you can give me a specific time to meet and co-ordinate for the inspection that would be great. My contact information is below. My cell phone # is 516-395-8763. Sincerely Yours, Nicholas J. Recchia, C.P.G. Vice President, Senior Hydrogeologist EEA Inc. 55 Hilton Avenue, Garden City, NY 11530 Phone: (516) 746-4400 x Fax (516) 746-4432 nrecchia@eeaconsultants.com Called and spoke with Mr. Recchia of EEA. EEA will overlook the remedial excavation in the basement of the building and will collect a post-excavation endpoint soil samples. Discussed this site with J. Kolley of DEC. It was

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JOHN GEUBES (Continued)

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decided that EEA can proceed with RAP implementation. Decision on a closure of the spill will be made based on the results of end-point soil samples. AD 09/13/2011: Received an e-mail from Mr. Recchia saying: Ainura. The client contact is Telly Zervoudis. Please advise us ASAP we would like to move forward with closing out this spill. Thanks. Galaxy General Contracting 3152 Albany Crescent Bronx, NY 10463 Tzervoudis@galaxygc.com Nicholas J. Recchia, C.P.G. Vice President, Senior Hydrogeologist Called and left a message to Mr. Recchia of EEA. Later spoke with him regarding RAP implementation. He said that removal of contaminated soil will start tomorrow, and he expects that collection of endpoint samples will be in a few days. Requested him to notify DEC about date of sampling. AD 09/14/2011: Received an e-mail from Mr. Recchia saying: Ainura. EEA is performing the remedial action to excavate and remove soils as per the approved RAP. We anticipate collecting endpoint soil samples tomorrow. EEA will prepare a full report of remedial action activities, endpoint sample data, site photos, etc. signed and sealed by our engineer. Sincerely Yours, Nicholas J. Recchia, C.P.G. Vice President, Senior Hydrogeologist Called and informed Mr. Recchia that I cannot visit the site on Thursday, September 15, 2011, due to the previously scheduled meeting. Requested to take a pictures of the excavation, document all activities and to take PID readings. AD 09/27/2011: Received an e-mail from N. Recchia saying: Ainura, Hope all is well. I was hoping you could help us out here by taking a quick look at the endpoint results from the excavation. Our client wants to backfill ASAP because it is in the building and they had to shore up the walls. All endpoint samples were collected from the sidewalls of the excavation. The bottom of the excavation was bedrock at a depth of 2 to 2 feet below floor grade. I reviewed the results and it appears that all samples are below the new CP-51 Soil Cleanup Policy which replaces TAGM. I included a photo of the excavation. I apologize for not having a table or drawing ready for you at this time but we want to backfill this ASAP. I will prepare a full report and send it to you next week. Thanks for your help. Nicholas J. Recchia, C.P.G. Vice President, Senior Hydrogeologist Looked at the submitted data. No exceedances of VOCs or SVOCs levels were detected in all six endpoint soil samples. Asked Mr. Recchia to submit a sketch of the excavation with locations of the soil samples. Later received the requested sketch. Approved the backfill of the excavation. AD 10/17/2011: received an e-mail from Mr. Recchia saying: Ainura, Attached please find our final remedial action report for this property. Please review and let me know the spill status. Thanks you. Nicholas J. Recchia, C.P.G. Vice President, Senior Hydrogeologist EEA Inc. DL the report to eDocs. Will review. AD 10/26/2011: Reviewed the report. It states that EEA performed remedial excavation of contaminated soils in the vicinity of the former AST s area. A total of 14.4 tons of contaminates soil was removed off-site. Post-excavation end-point soil samples were collected on September 15, 2011 from 6 sidewalls locations. No bottom soil samples were collected due to presence of a shallow bedrock, which was found at a depth of 1.5' to 2.8' below the basement floor level. According to the analytical data, no VOCs or SVOCs were detected above NYSDEC standards. Based on the result, EEA concludes that contamination was removed and recommends spill case closure. The submitted site map is different from site maps presented by previous consultant. To clarify this difference with Mr. Recchia. Will discuss spill closure request with J. Kolleeny of DEC. AD 10/27/2011: Discussed the site with J. Kolleeny. To ask MR. Recchia

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JOHN GEUBES (Continued)

S105998994

if there are any sumps in the basement to be checked for presence of LNAPL or product sheen. AD 10/28/2011: Called and spoke with Mr. Recchia. Requested to clarify excavation location on the site map, and info on sumps. Sent him an e-mail with an attached site plan saying: Mr. Recchia: Could you please verify location of the excavation completed by EEA on this site plan? Also, if there are any sumps in the basement they should be checked for presence of LNAPL or product sheen. AD 01/03/2011: Received an e-mail from Mr. Recchia saying: Ainura, Sorry for the confusion. Our drawing is somewhat misleading I can see your concern and confusion. I have revised our drawing and it is in the area of the former AST's and SP-2 area. We didn't focus on the whole basement location in our drawing only the former tank area and area around SP-2. Sorry for the confusion. I have revised the drawing. I hope this helps. EEA did not observe any basement sumps in the building. Sincerely, Nicholas J. Recchia, C.P.G. Vice President, Senior Hydrogeologist Reviewed the submitted site map. Soil was excavated in the area of the former AST's and soil boring SP-2 area. DL the revised site map to eDocs. Will issue a closure approval letter. AD 11/04/2011: Sent a Spill Closure approval letter to Telly Zervoudis of Galaxy General Contracting Corp. at 3152 Albany Crescent, Bronx, NY 10463 via e-mail: Tzervoudis@galaxygc.com. DL pdf copy of the letter to eDocs. Case closed. AD "clean up is underway "

Remarks:

Material:

Site ID: 66777
 Operable Unit ID: 868255
 Operable Unit: 01
 Material ID: 506195
 Material Code: 0001A
 Material Name: #2 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 500.00
 Units: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

221
 SE
 1/4-1/2
 0.390 mi.
 2058 ft.

**HARLEM RIVER YARD TS
 ST. ANN'S & LINCOLN AVE AT 132 STREET
 BRONX, NY 10454**

**NY SWF/LF S105841685
 N/A**

**Relative:
 Lower**

SWF/LF:
 Flag: INACTIVE
 Region Code: 2
 Phone Number: Not reported
 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

**Actual:
 16 ft.**

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HARLEM RIVER YARD TS (Continued)

S105841685

Owner Phone: Not reported
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Transfer station - permit
Activity Number: [03T25]
Active: No
East Coordinate: 591100
North Coordinate: 4517500
Accuracy Code: Not reported
Regulatory Status: None
Waste Type: Not reported
Authorization #: 0
Authorization Date: Not reported
Expiration Date: Not reported

222
West
1/4-1/2
0.393 mi.
2073 ft.

**OTERO, 128TH & 2ND
2ND AVE / 128TH ST
NEW YORK CITY, NY**

**NY LTANKS S100144670
N/A**

**Relative:
Lower**

LTANKS:

**Actual:
10 ft.**

Site ID: 317883
Spill Number/Closed Date: 8600789 / 1986-05-01
Spill Date: 1986-05-01
Spill Cause: Tank Failure
Spill Source: Gasoline Station or other PBS Facility
Spill Class: Known release that creates potential for fire or hazard. (Highly Improbable)
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 3101
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 1986-05-01
CID: Not reported
Water Affected: Not reported
Spill Notifier: Affected Persons
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: True
Remediation Phase: 0
Date Entered In Computer: 1986-06-09
Spill Record Last Update: 1997-10-14
Spiller Name: Not reported
Spiller Company: NYC DEPT. OF HOUSING PRE.
Spiller Address: 75 MAIDEN LANE
Spiller City,St,Zip: NEW YORK, NY 10038
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 256239

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OTERO, 128TH & 2ND (Continued)

S100144670

DEC Memo: ""
 Remarks: "PHONE SEEP"

Material:
 Site ID: 317883
 Operable Unit ID: 897110
 Operable Unit: 01
 Material ID: 477363
 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:

223
 North
 1/4-1/2
 0.406 mi.
 2145 ft.

351 EAST 139TH STREET
351 EAST 139TH STREET
BRONX, NY 10454

US BROWNFIELDS 1018273009
N/A

Relative:
Higher

US BROWNFIELDS:

Actual:
31 ft.

Property Name:	351 EAST 139TH STREET
Recipient Name:	New York, City of
Grant Type:	Assessment
Property Number:	Block 2302, Lot 50
Parcel size:	.15
Latitude:	40.810446
Longitude:	-73.923407
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	167506
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	2700
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

351 EAST 139TH STREET (Continued)

1018273009

Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	97257906
Start Date:	03/05/2012 00:00:00
Ownership Entity:	Government
Completion Date:	06/13/2012 00:00:00
Current Owner:	City of New York
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

351 EAST 139TH STREET (Continued)

1018273009

Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	.15
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Former electrical substation
Below Poverty Number:	17760
Below Poverty Percent:	2.3%
Meidan Income:	6204
Meidan Income Number:	30021
Meidan Income Percent:	1.3%
Vacant Housing Number:	1357
Vacant Housing Percent:	29.5%
Unemployed Number:	2317
Unemployed Percent:	17.3%

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number
EPA ID Number

AO224
NW
1/4-1/2
0.411 mi.
2169 ft.

VISTA 1
2401 THIRD AVENUE
BRONX, NY 10451
Site 1 of 2 in cluster AO

NY SHWS S113916759
N/A

Relative:
Lower
Actual:
9 ft.

SHWS:

Program: HW
Site Code: 437428
Classification: N
Region: 2
Acres: 1.538
HW Code: 203052
Record Add: 07/14/2010
Record Upd: 04/16/2013
Updated By: RJCOZZY
Site Description: Part of Port Morris Zone 1 BOA. DEC #BOA00032 DOS #10BOA002 Site Investigation could not be funded under BOA since property owner would not allow access. No environmental data available for this site.
Not reported
Env Problem: Not reported
Health Problem: Not reported
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: Applicant/Requestor
Sub Type: C04
Owner Name: Lourdes Zapata
Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
Owner Address: 555 Bergen Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 14055
Owner Country: United States of America
Own Op: Owner
Sub Type: C04
Owner Name: Lourdes Zapata
Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
Owner Address: 555 Bergen Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 14055
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VISTA 1 (Continued)

S113916759

Updated By: Not reported

AO225
NW
1/4-1/2
0.412 mi.
2173 ft.

AMES MEDICAL EQUIPMENT
2417 3RD AV
BRONX, NY

NY LTANKS S105230455
N/A

Site 2 of 2 in cluster AO

Relative:
Lower

LTANKS:

Actual:
9 ft.

Site ID: 109231
Spill Number/Closed Date: 0108613 / 2001-12-04
Spill Date: 2001-11-27
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: JBVOUGHT
Referred To: Not reported
Reported to Dept: 2001-11-27
CID: 390
Water Affected: Not reported
Spill Notifier: Citizen
Last Inspection: 2001-12-03
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2001-11-27
Spill Record Last Update: 2001-12-04
Spiller Name: Not reported
Spiller Company: UNK
Spiller Address: UNK
Spiller City,St,Zip: UNK, NY
Spiller County: 999
Spiller Contact: CARLOS PADILLA
Spiller Phone: (718) 993-4400
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 95938
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
VOUGHT ED. ROSSAN: VISITED SITE ON 12/03/2001. I OBSERVED SPILL
CLEANED UP. SPEEDY DRY TRACE STILL ON SIDE WALK AND ROAD. N.B. SPILL
LOCATION IS AT: 225 E 134 STREET BRONX NY"
Remarks: "caller reports the company that fills the tank ACROSS the st has
spilled oil - they are sweeping it down the st and poss into sewers"

Material:

Site ID: 109231
Operable Unit ID: 846018
Operable Unit: 01
Material ID: 529852
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMES MEDICAL EQUIPMENT (Continued)

S105230455

Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

226
West
1/4-1/2
0.414 mi.
2187 ft.

NYCDOS EAST HARLEM MRF
EAST 127TH AND 2ND AVENUE
NEW YORK, NY 10004

NY SWRCY **S105842297**
N/A

Relative:
Lower

SWRCY:
Region: 2
Facility Address 2: Not reported
Phone Number: 2128371071
Owner Type: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: NYCDOS
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: [31M11]
Active: No
East Coordinate: Not reported
North Coordinate: Not reported
Accuracy Code: Not reported
Regulatory Status: Not reported
Permit #: 2-6203-00013
Auth. Date: Not reported
Expiration Date: Not reported
Waste Types: Not reported

Actual:
11 ft.

227
NE
1/4-1/2
0.415 mi.
2193 ft.

SPILL NUMBER 0210161
468 EAST 140TH ST
BRONX, NY

NY LTANKS **S105997841**
NY Spills **N/A**

Relative:
Higher

LTANKS:
Site ID: 67279
Spill Number/Closed Date: 0210161 / 2003-01-08
Spill Date: 2003-01-08
Spill Cause: Tank Overfill
Spill Source: Institutional, Educational, Gov., Other

Actual:
27 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0210161 (Continued)

S105997841

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: MXTIPPLE
Referred To: Not reported
Reported to Dept: 2003-01-08
CID: 211
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2003-01-08
Spill Record Last Update: 2003-01-08
Spiller Name: JIM MERLO
Spiller Company: BOARD OF EDUCATION
Spiller Address: Not reported
Spiller City,St,Zip: ZZ -
Spiller County: 001
Spiller Contact: RAY LARA
Spiller Phone: (718) 624-4842
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 64308
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
TIPPLE THIS SPILL IS THE SAME AS SPILL # 0210157. SO, THIS SPILL WILL
BE CLOSED. E.R."
Remarks: "CLEAN UP IN PROGRESS"

Material:
Site ID: 67279
Operable Unit ID: 861417
Operable Unit: 01
Material ID: 513557
Material Code: 0002A
Material Name: #4 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:

SPILLS:
Facility ID: 0210157
Facility Type: ER
DER Facility ID: 189398
Site ID: 229795
DEC Region: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0210161 (Continued)

S105997841

Spill Date: 2003-01-08
Spill Number/Closed Date: 0210157 / 2006-11-08
Spill Cause: Human Error
Spill Class: Known release with minimal potential for fire or hazard. No DEC Response. No corrective action required.

SWIS: 0301
Investigator: qxabidi
Referred To: Not reported
Reported to Dept: 2003-01-08
CID: 204
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: 2003-01-08
Spill Record Last Update: 2006-11-09
Spiller Name: MR HAMMER
Spiller Company: BOARD OF ED
Spiller Address: 468 EAST 140TH STREET
Spiller City,St,Zip: BRONX, NY 001
Contact Name: TONY PERETTA
Contact Phone: (718) 932-9075 275
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE CALLED TONY PERETTA, WHO CONFIRMED SPILL IS CONTAINED. NO WATER OR SOIL WAS IMPACTED. NO TEACHER, NO CHILD OR OTHER SCHOOL PERSONNEL WAS IMPACTED. SCHOOL SCHEDULE WAS NOT AFFECTED. MICHELLE TIPPLE, WHO IS ON PRIMARY, VISITED THE SITE. AS A RESULT OF THIS VISIT, A SECOND SPILL REPORT WAS CALLED; (# 0210161) WHICH WAS SUBSEQUENTLY CLOSED. CALLED RAY LARA, FROM PETROLEUM TANK, WHO CONFIRMED, THAT THEY WILL BE DOING THE CLEAN-UP. E.R. 1/9/2002 TIPPLE VISITED SITE, OIL WAS SPILLED ON THE SIDEWALK,BEHIND A FENCE ALONG THE SIDEWALK, AS WELL AS APPROXIMATELY 1+ GALLONS ESCAPED FROM THE MANWAY ON TANK #1 AROUND A LEAKING GASKET. ONLY THE PRINCIPAL'S OFFICE WAS VAPOR IMPACTED, SWEET AIR WAS SPRAYED AND VENTING THROUGH THE TWO WINDOWS IN THE OFFICE WAS IMPLEMENTED. PETROLEUM TANK CLEANERS WERE CALLED TO FACILITATE THE CLEANUP. FRANCIS JEAN- PLANT MANAGER 718-960-9532 MR.JIM MERLO- BOARD OF ED- 718-391-6832
05/17/06: This spill is transferred from Mr. Koon Tang to Qasim Abidi. Called Tony Peretta on phone (718)932-9075. He said that he will find out the information and he will call me back regarding the spill. -QA 05/26/06: Called Tony Peretta at (718)932-9075 and Big Anthony at (718)624-4842 to fax me the information regarding spill. -QA 06/21/06: Called Board of Education at (718)349-5752 to get information regarding spill left message to call me back. -QA 10/24/06: Called Mr. Jim (718)349-5738 Board of Education. He said he will find out information and he will called me back. Also called Mr. Tony Peretta he said that petroleum Tank Cleaner did clean up work for this site. -QA 11/08/06: Recieved fax by Mr. James A. Merlo. On January 8, 2003, NYS DEC was notified a # 6 fuel oil spill of 25 gallons. It is at the time of delevery at side walk by Styvesant fuel service Corporation. Clean up of side walk was satisfactorily

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0210161 (Continued)

S105997841

completed by Contractor PTC under the direction of the DOE Fuel Division. According to Mr. James A. Merlo Manager, Fuel Division (New York City Department of Education) Contamination is not impacted to soil on the side walk. DEC staff closed the spill. -QA "

Remarks: "DRIVER WAS DIRECTED BY ENGINEER TO WRONG TANK"

Material:
Site ID: 229795
Operable Unit ID: 861409
Operable Unit: 01
Material ID: 513553
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

228
NW
1/4-1/2
0.428 mi.
2258 ft.

SPILL NUMBER 0108616
225 EAST 134TH ST
BRONX, NY

NY LTANKS S105230093
NY Spills N/A

Relative:
Lower

LTANKS:
Site ID: 108989
Spill Number/Closed Date: 0108616 / 2004-03-29
Spill Date: 2001-11-27
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.
Cleanup Ceased: Not reported
Cleanup Meets Standard: False
SWIS: 0301
Investigator: CESA WYER
Referred To: Not reported
Reported to Dept: 2001-11-27
CID: 281
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2001-11-27
Spill Record Last Update: 2004-03-29
Spiller Name: MOSHE ALTMART
Spiller Company: FABOY LLC
Spiller Address: 2447 3RD AVE
Spiller City,St,Zip: BRONX, NY 10451-001
Spiller County: 001

Actual:
8 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPILL NUMBER 0108616 (Continued)

S105230093

Spiller Contact: ROGER LOUGHLIN
Spiller Phone: (718) 832-6700
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 95773
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 1/7/04-Vought-Spill transferred from Vought to Austin. 1/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 3/29/04 - Sawyer - Minor spill no further info for 2 years. Mr. Altmart is going to send manifest or receipt. Closed."
Remarks: "CUSTOMER OVER ORDER FUEL OIL AT ABOVE LOCATION CASUING A TANK OVERFILL. "

Material:

Site ID: 108989
Operable Unit ID: 846023
Operable Unit: 01
Material ID: 529855
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 8.00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

SPILLS:

Facility ID: 9901930
Facility Type: ER
DER Facility ID: 95773
Site ID: 108990
DEC Region: 2
Spill Date: 1999-05-19
Spill Number/Closed Date: 9901930 / 2002-04-03
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: CAENGELH
Referred To: Not reported
Reported to Dept: 1999-05-19
CID: 389
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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

SPILL NUMBER 0108616 (Continued)

S105230093

Date Entered In Computer: 1999-05-19
 Spill Record Last Update: 2002-04-03
 Spiller Name: BILL MURPHY
 Spiller Company: TM MANHOLE 728
 Spiller Address: 225 EAST 134TH ST
 Spiller City,St,Zip: BRONX, NY
 Spiller Company: 001
 Contact Name: BILL MURPHY
 Contact Phone: (212) 580-6763
 DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT DEC INSPECTOR NOTES 5-20-99 E-Mailed Con Ed ERTs for copy of E2MIS report. CON ED E2MIS NOTES 5-20-99 Approx. 1 qt. oil and 100 gals. of water found in TM728. Tag #24562 placed and sample taken on a 4hr turnover. Spill being treated as a 50-499 ppm due to a transformer drop. Plate #6A3 indicates no sewer connection. based on this information it is being assumed that ther ehas been no outside impact. Water and oil are both contained in structure. 2056hrs. Results; Aroclor 1254; <1ppm 5-19-99 2121hrs. Cleanup complete, tag puled."
 Remarks: "unknown oil contained in tm manhole 728 con ed 124976 "

Material:

Site ID: 108990
 Operable Unit ID: 1080696
 Operable Unit: 01
 Material ID: 305457
 Material Code: 0066A
 Material Name: unknown petroleum
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 1.00
 Units: Gallons
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

229
 NNW
 1/4-1/2
 0.434 mi.
 2292 ft.

2477 THIRD AVENUE PROPERTY
2477 THIRD AVENUE
BRONX, NY 10454

NY ENG CONTROLS S109580082
NY INST CONTROL N/A
NY BROWNFIELDS

Relative:
Lower

ENG CONTROLS:

Site Code: 410705
 HW Code: C203047
 Control Code: 13
 Control Type: ENG
 Date Record Added: 06/25/2012
 Date Rec Updated: 02/14/2017
 Updated By: ljalden

Actual:
15 ft.

Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

and is 0.214 acres in size. **SITE FEATURES:** Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. **CURRENT ZONING AND LAND USE(S):** The site is zoned commercial. As noted above, a new hotel is under construction. **PAST USE OF THE SITE:** The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. **SITE GEOLOGY AND HYDROGEOLOGY:** The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post- remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Crossref ID: C203047-11-09
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 2014000074327
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

Site Code: 410705
HW Code: C203047
Control Code: 15
Control Type: ENG
Date Record Added: 06/25/2012
Date Rec Updated: 02/14/2017
Updated By: ljalden

Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post- remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 2014000074327
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

INST CONTROL:

Site Code: 410705
Control Name: O&M Plan
HW Code: C203047
Control Code: 33
Control Type: INST
Dt record added: 06/25/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Dt rec updated: 02/14/2017

Updated By: ljalden

Site Code: 410705

Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post- remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False

Structure: False

Lagoon: False

Landfill: False

Pond: False

Disp Start: Not reported

Disp Term: Not reported

Lat/Long: Not reported

Dell: Not reported

Record Add: 9/24/2009 3:59:00 PM

Record Upd: 12/1/2015 2:00:00 PM

Updated By: JEBROWN

Own Op: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 2014000074327
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

Site Code: 410705
Control Name: Soil Management Plan
HW Code: C203047
Control Code: 14
Control Type: INST
Dt record added: 06/25/2012
Dt rec updated: 02/14/2017
Updated By: ljalden
Site Code: 410705

Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post- remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 2014000074327
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

Site Code: 410705
Control Name: Environmental Easement
HW Code: C203047
Control Code: J
Control Type: INST
Dt record added: 06/25/2012
Dt rec updated: 02/14/2017
Updated By: ljalden
Site Code: 410705

Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post- remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 2014000074327
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

Site Code: 410705
Control Name: IC/EC Plan
HW Code: C203047
Control Code: 34
Control Type: INST
Dt record added: 06/25/2012
Dt rec updated: 02/14/2017
Updated By: ljalden
Site Code: 410705
Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site's commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 2014000074327
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

Site Code: 410705
Control Name: Site Management Plan
HW Code: C203047
Control Code: 32
Control Type: INST
Dt record added: 06/25/2012
Dt rec updated: 02/14/2017
Updated By: ljalden
Site Code: 410705

Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post- remedial site management.

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 2014000074327
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

Site Code: 410705
Control Name: Monitoring Plan
HW Code: C203047
Control Code: 31
Control Type: INST
Dt record added: 06/25/2012
Dt rec updated: 02/14/2017
Updated By: ljalden
Site Code: 410705
Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is

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Elevation

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2477 THIRD AVENUE PROPERTY (Continued)

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located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post- remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 2014000074327
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCZZY

Site Code: 410705
Control Name: Landuse Restriction
HW Code: C203047
Control Code: 25
Control Type: INST
Dt record added: 06/25/2012
Dt rec updated: 02/14/2017
Updated By: ljalden
Site Code: 410705

Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.

Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

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positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post-remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10455

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 2014000074327
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

Site Code: 410705
Control Name: Ground Water Use Restriction
HW Code: C203047

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Control Code: 08
Control Type: INST
Dt record added: 06/25/2012
Dt rec updated: 02/14/2017
Updated By: ljalden
Site Code: 410705
Site Description: LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface and was found to flow in a south-southwesterly direction towards the Harlem River.
Env Problem: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post- remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.
Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip:Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: E
Owner Name: Bronx Community Board #1
Owner Company: Bronx Community Board #1
Owner Address: 3024 Third Avenue
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10455
Owner Country: United States of America
HW Code: C203047
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203047
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Waste Code: Not reported
HW Code: C203047
Waste Type: METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0230034
Cross Ref Type Code:
Cross Ref Type: Spill No.
Record Added Date: 2/22/2011 3:29:00 PM
Record Updated: 2/22/2011 3:29:00 PM
Updated By: RXKEATIN
Crossref ID: C203047-11-09
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 10/7/2015 11:59:00 AM
Record Updated: 10/7/2015 11:59:00 AM
Updated By: SMQUANDT
Crossref ID: 2014030300796001
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 7/21/2015 1:28:00 PM
Updated By: RXKEATIN
Crossref ID: 2014000074327
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

BROWNFIELDS:

Program: BCP
Site Code: 410705
Acres: 0.214
HW Code: C203047
SWIS: 0301
Town: New York City
Record Added Date: 03/04/2009
Record Updated Date: 12/29/2016
Update By: JEBROWN
Site Description:

LOCATION: The site is located in an urban industrialized section of the south Bronx at the intersection of 3rd Avenue and the Major Deegan Expressway (I-87) between 135th Street and 136th Street. It is located approximately 1000 feet east of the Harlem River. The property consists of Section 9, Block 2320, Lot 11 of tax map 20902, and is 0.214 acres in size. SITE FEATURES: Prior to remediation, the site was vacant with remnants of paved areas remaining from a former gasoline station. Currently the site is under construction for commercial use as a new, four-story hotel. CURRENT ZONING AND LAND USE(S): The site is zoned commercial. As noted above, a new hotel is under construction. PAST USE OF THE SITE: The site was a gasoline filling station from the 1950 s until approximately 1989. Releases of petroleum products to the environment resulted in the site contamination. SITE GEOLOGY AND HYDROGEOLOGY: The site is approximately 15 feet above mean sea level. The nearest surface water body is the Harlem River, approximately 1000 west of the site. Groundwater was encountered from 7 to 10 feet below ground surface

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Env Problem: and was found to flow in a south-southwesterly direction towards the Harlem River. Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related compounds in site soils and groundwater. Remedial actions have successfully achieved the protection of groundwater soil cleanup objectives which are more than sufficient for the site s commercial use. Quarterly groundwater monitoring conducted thus far suggests that contaminated soil removal as well as groundwater treatment via in-situ chemical oxidation (ISCO) and enhanced fluid recovery (EFR) have had a positive effect towards achieving the groundwater remedial goals, and if continued, will be effective in achieving the remedial goals over time. Water quality parameters measured in the field during the monitoring events [dissolved oxygen (DO), oxidation reduction potential (ORP), and pH] are indicative of sustained desorption and oxidation, suggesting that additional ISCO and/or EFR events would be effective in further reducing residual groundwater contaminant levels. Based on these conditions, ISCO and EFR treatments will be continued as necessary during post- remedial site management. Residual contamination in the soil and groundwater is being managed under a Site Management Plan.

Health Problem: Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 9/24/2009 3:59:00 PM
Record Upd: 12/1/2015 2:00:00 PM
Updated By: JEBROWN
Own Op: Owner
Sub Type: 06
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street
Owner Addr2: Not reported
Owner City,St,Zip: Jamaica, NY 11434
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: New York Public Library
Owner Company: New York Public Library
Owner Address: Mott Haven Branch
Owner Addr2: 321 East 140 Street
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Bharat Patel
Owner Company: Jiten LLC
Owner Address: 144-17 156th Street

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Owner Addr2:	Not reported
Owner City,St,Zip:	Jamaica, NY 11434
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	E
Owner Name:	Bronx Community Board #1
Owner Company:	Bronx Community Board #1
Owner Address:	3024 Third Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Bronx, NY 10455
Owner Country:	United States of America
HW Code:	C203047
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203047
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203047
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203047
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203047
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203047
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203047
Waste Type:	METHYL-TERT-BUTYL ETHER (MTBE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	0230034
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2/22/2011 3:29:00 PM
Record Updated:	2/22/2011 3:29:00 PM
Updated By:	RXKEATIN
Crossref ID:	C203047-11-09
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	10/7/2015 11:59:00 AM
Record Updated:	10/7/2015 11:59:00 AM
Updated By:	SMQUANDT
Crossref ID:	2014030300796001
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	7/21/2015 1:28:00 PM
Record Updated:	7/21/2015 1:28:00 PM
Updated By:	RXKEATIN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2477 THIRD AVENUE PROPERTY (Continued)

S109580082

Crossref ID: 2014000074327
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 7/21/2015 1:28:00 PM
Record Updated: 12/3/2015 8:38:00 AM
Updated By: RJCOZZY

**AP230
NNW
1/4-1/2
0.436 mi.
2304 ft.**

**YOUNG CONTRACTING CORP.
2501 THIRD AVENUE
BRONX, NY 10451**

**NY SWF/LF S105841700
N/A**

Site 1 of 2 in cluster AP

**Relative:
Lower**

SWF/LF:
Flag: INACTIVE
Region Code: 2
Phone Number: 2129933702
Owner Name: Not reported
Owner Type: Not reported
Owner Address: Not reported
Owner Addr2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: NUNZIO SQUILLANTE
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: Transfer station - permit
Activity Number: [03T59]
Active: No
East Coordinate: 590400
North Coordinate: 4518200
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6004-00073
Authorization Date: Not reported
Expiration Date: Not reported

**Actual:
16 ft.**

**AP231
NNW
1/4-1/2
0.441 mi.
2328 ft.**

**SINIGEEN LLC/DBA FIRST CRUSH
2505 THIRD AVENUE #1
BRONX, NY 10451**

**NY SWRCY S117937482
N/A**

Site 2 of 2 in cluster AP

**Relative:
Lower**

SWRCY:
Region: 2
Facility Address 2: Not reported
Phone Number: 2127329253
Owner Type: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported

**Actual:
17 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SINIGEEN LLC/DBA FIRST CRUSH (Continued)

S117937482

Owner City,St,Zip: Not reported
Owner Email: Not reported
Owner Phone: Not reported
Contact Name: Dzaguiely Sy
Contact Address: 2505 Third Avenue
Contact Address 2: Not reported
Contact City,St,Zip: Bronx, NY 10451
Contact Email: Not reported
Contact Phone: 2127329253
Activity Desc: RHRF - registration
Activity Number: [03MA3]
Active: No
East Coordinate: 590381
North Coordinate: 4518273
Accuracy Code: 1 - No accuracy stated
Regulatory Status: Registration
Permit #: Not reported
Auth. Date: Not reported
Expiration Date: Not reported
Waste Types: Not reported

232
NNE
1/4-1/2
0.444 mi.
2344 ft.

UNKNOWN - TTF
308 WILLIS AVE
BRONX, NY

NY LTANKS S110541017
N/A

Relative:
Higher

LTANKS:

Site ID: 439950
Spill Number/Closed Date: 1006590 / 2016-12-07
Spill Date: 2010-09-17
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: 0301
Investigator: RMOMAR
Referred To: Not reported
Reported to Dept: 2010-09-17
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: 2010-09-17
Spill Record Last Update: 2016-12-07
Spiller Name: UNKNOWN HOMEOWNER
Spiller Company: UNKNOWN HOMEOWNER
Spiller Address: 308 WITHER AVE
Spiller City,St,Zip: BRONX, NY
Spiller County: 999
Spiller Contact: UNKNOWN HOMEOWNER
Spiller Phone: (516) 250-5848
Spiller Extention: Not reported

Actual:
28 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNKNOWN - TTF (Continued)

S110541017

DEC Region: 2
DER Facility ID: 394952
DEC Memo: "Tank is UNDER 1080 gal - non PBS. They did not have an exact size. There is no visible spill at this site, only a TTF. 8/05/2015: Rashad Spill transferred from Sangesland to Rashad as per RSE. 8/13/2015: Rashad Per NYC building records 308 Willis Ave has no alternate address. No PBS records or additional spill reports found. No documents found in D2. According to building records the owner is: Willis Bricks LLC C/O Express Fine Jewlery 55 West 47th Street - Suite 340 New York, NY 10036 8/18/2015: Rashad Email sent to Abraham from NYC tank testing: After reviewing the spill report for 308 Willis Ave, Bronx NY, spill#1006590 dated 9/17/2010, I would like to request the following information: Tank test failure report. Test results for supply/return and vent/fill lines. Property owners information. 8/24/2015: Rashad Received email from Goldie with tank test failure report. Report indicates ullage (dry) portion of leak. Letter attached also states This letter is to certify that on September 3, 2010 New York City Tank Testing isolated, tested and reconnected the vent line at the above mentioned premises. The results are as follows: The vent line had a gross failure. Recommendations: At the current time NYC Tank Testing recommends uncovering the top of tank and isolating all necessary lines. Documents uploaded to D2. 12/7/2016: Rashad Spill will be administratively closed as per tank test failure guidance document for TTF greater then 5 years old. Leak was a dry leak and according to tank test documents, failure was in vent line, not tank. Spill administratively closed. "
Remarks: "tank test failure, no other info known"

Material:
Site ID: 439950
Operable Unit ID: 1190579
Operable Unit: 01
Material ID: 2185607
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 FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

233
NE
1/4-1/2
0.452 mi.
2386 ft.

507 E 140TH ST
507 E 140TH ST
BRONX, NY

NY LTANKS **S100153352**
N/A

Relative:
Higher

LTANKS:

Actual:
28 ft.

Site ID: 181460
 Spill Number/Closed Date: 9105029 / 1991-08-09
 Spill Date: 1991-08-09
 Spill Cause: Tank Failure
 Spill Source: Commercial/Industrial
 Spill Class: Not reported
 Cleanup Ceased: 1991-08-09
 Cleanup Meets Standard: True
 SWIS: 0301
 Investigator: WILSON
 Referred To: Not reported
 Reported to Dept: 1991-08-09
 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: 1991-08-14
 Spill Record Last Update: 1991-09-10
 Spiller Name: Not reported
 Spiller Company: MARVIN GOLD MGMT
 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: 152165
 DEC Memo: ""
 Remarks: "SMALL LEAK FOUND IN TANK, FUEL CONTAINED ON CONCRETE, WILL PUMP TANK, VAC FLOOR & APPLY DRIZ-OLL. WILL PICK UP & DISPOSE. NYCDF ON SITE"

Material:

Site ID: 181460
 Operable Unit ID: 955700
 Operable Unit: 01
 Material ID: 424070
 Material Code: 0002A
 Material Name: #4 fuel oil
 Case No.: Not reported
 Material FA: Petroleum
 Quantity: 20.00
 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

507 E 140TH ST (Continued)

S100153352

Tank Test:

234
South
1/4-1/2
0.453 mi.
2393 ft.

STREET CRIMES UNIT
RANDALLS ISLAND
MANHATTAN, NY

NY LTANKS S105053985
N/A

Relative:
Higher

LTANKS:

Actual:
31 ft.

Site ID: 86326
Spill Number/Closed Date: 9209310 / 2003-03-07
Spill Date: 1992-11-10
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: ADMIN. CLOSED
Referred To: Not reported
Reported to Dept: 1992-11-10
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: 1992-11-18
Spill Record Last Update: 2005-01-26
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: 270094
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was
ADMIN.CLOSED 03/07/2003 Closed Due To The Nature / Extent Of The
Spill Report"
Remarks: "2 SETS OF 2 TANKS EA. 550 GAL EA. MANIFOLDED-TOTAL 2200 GAL CAPACITY
WILL PUMP TANK AND EIR. CLOSED DUE TO LACK OF ANY RECENT INFO-DOES
NOT MEET ANY CLEANUP REQUIREMENTS."

Material:

Site ID: 86326
Operable Unit ID: 972961
Operable Unit: 01
Material ID: 406363
Material Code: 0009
Material Name: gasoline
Case No.: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STREET CRIMES UNIT (Continued)

S105053985

Material FA: Petroleum
 Quantity: -1.00
 Units: Pounds
 Recovered: .00
 Resource Affected: Not reported
 Oxygenate: Not reported

Tank Test:

Site ID: 86326
 Spill Tank Test: 1540833
 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

235
 NW
 1/4-1/2
 0.464 mi.
 2451 ft.

FORMER MUGLER SHORING INC.
2401 THIRD AVENUE
BRONX, NY 10451

NY BROWNFIELDS S117936658
N/A

Relative:
Lower

BROWNFIELDS:

Program: BCP
 Site Code: 507623
 Acres: 1.4
 HW Code: C203052
 SWIS: 0301
 Town: New York City
 Record Added Date: 05/08/2015
 Record Updated Date: 11/23/2016
 Update By: JAMORAS
 Site Description:

Actual:
2 ft.

Location: The site is located in an urban area in the Bronx and is comprised of a single irregularly shaped tax parcel covering approximately 1.4 acres. The lot is bordered to the northwest and northeast by commercial properties, to the southeast by the Third Avenue Bridge and to the southwest by the Harlem River. Site Features: The main site feature includes a vacant 19,450 square foot one-story commercial building (no basement) constructed in 1931; asphalt, concrete and cobblestone-paved exterior driving/storage areas; an approximate 10,500 square foot private parking lot and sparsely-vegetated areas. Current Zoning and Land Use: The site is zoned as M1-3/R8 residential/ commercial (a Special Mixed Use District) and is currently inactive. The parcels adjacent to the northwest and northeast are currently used for commercial and industrial purposes. Past Use of the Site: The subject property was historically used for manufacturing purposes since at least 1891: J.L. Mott Iron Works (1891-1922), Hydraulic Steel Company (1922-1935), General Builders Supply Corporation (1935-1968), Brill Equipment Company (1949-1956), US Gear Manufacturing Company (1965-1971), Ohio Gasket Manufacturing Corporation (1971), and Mugler Inc. (since 1965). The site has been vacant since October of 2014. A Phase II Environmental Assessment Investigation was performed in 2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MUGLER SHORING INC. (Continued)

S117936658

Env Problem:

which indicated the presence of petroleum related contamination in soil and groundwater. Site Geology and Hydrogeology: Subsurface soils at the site consist of fill materials and silty-sand to a depth of approximately 5 feet below grade. A silty clay was present below this layer to a depth of 15 feet closer to the River. Further inland a medium to coarse sand was encountered beneath the fill to a depth of approximately 15 feet. Groundwater depth ranges from five to seven feet below grade and flows to the southwest towards the Harlem River. Nature and Extent of Contamination: Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. Soil vapor samples were analyzed for VOCs. Based upon the subsurface investigations conducted to date, the contaminants of concern for the site include petroleum related VOCs, SVOCs and metals. Soil: A total of 34 soil samples were collected from 23 soil borings. VOCs were not reported above 6 NYCRR Part 375.6 restricted residential soil cleanup objectives (RRSCOs) in any of the samples. Several SVOCs exceeded their RRSCOs including indeno(1,2,3-cd)pyrene (up to a maximum concentration of 0.82 parts per million (ppm) compared to the RRSCO of 0.5 ppm), benzo(a)anthracene (1.6 ppm compared to the RRSCO of 1 ppm) and benzo(a)pyrene (1.3 ppm compared to the RRSCO of 1 ppm). Most of these exceedances were from samples collected from a depth of 0 to 2 feet, however one exceedance was from a sample collected from a depth of 6-8 feet. Arsenic (up to a maximum concentration of 33.5 ppm compared to the RRSCO of 16 ppm) and lead (2,280 ppm compared to the RRSCO of 400 ppm) exceeded their respective RRSCOs. These metal exceedances were found in one sample collected at a depth of 5 to 7 feet. Data does not indicate any off-site impacts in soil related to this site. Groundwater: A total of 12 groundwater samples (one sample from each of 12 groundwater monitoring wells) were analyzed during the RI. Only two VOCs were detected in four of the samples. These are MTBE (up to a maximum concentration of 100 parts per billion (ppb) compared to the ambient water quality standard (AWQS) of 10 ppb) and methyl chloride also known as chloromethane (39 ppb compared to the AWQS of 5 ppb). SVOCs were detected in only one of the 12 samples. Analytical data for SVOCs indicated detections above the AWQS guidance values for following compounds in that one sample: benz(a)anthracene (up to a maximum concentration of 0.03 ppb compared to the AWQS of 0.002 ppb) and benzo(a)pyrene (0.03 ppb compared to the AWQS of ND). Data does not indicate any off-site impacts in groundwater related to this site. Soil Vapor: Eight soil vapor samples and five sub-slab vapor samples were collected from the site. Heptane and hexane were reported at elevated concentrations in some of the soil vapor samples with the highest concentrations reported in SG5 as 3330 and 6200 g/m3, respectively. The location of SG5 is close to the location of one of the suspected Underground Storage Tanks (USTs). Data does not indicate any off-site impacts in soil vapor related to this site. Special Resources Impacted/Threatened: Due to the proximity of the Site to the Harlem River, a Fish and Wildlife Resource Impact Analysis (FWRIA) was also conducted. Based on the nature and location of the contamination at the site, with limited impact to subsurface soils and groundwater and no evidence of migration / discharge of contaminants to the River, there are no expected adverse impacts to River.

Health Problem:

The site is completely fenced, which restricts public access. However, persons who enter the site could contact contaminants in the soil by

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MUGLER SHORING INC. (Continued)

S117936658

walking on the site, 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 may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site redevelopment. Environmental sampling indicates that site-related contamination does not pose a soil vapor concern for off-site buildings.

Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	8/15/2016 2:19:00 PM
Record Upd:	8/15/2016 2:19:00 PM
Updated By:	SXAHMED
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	New York Public Library - Mott Haven Branch
Owner Address:	321 East 140th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Bronx, NY 10454
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	E
Owner Name:	Meyer Chetrit
Owner Company:	2401 3rd Ave Associates Property LLC
Owner Address:	512 Seventh Avenue, 15th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10018
Owner Country:	United States of America
Own Op:	Applicant/Requestor
Sub Type:	P03
Owner Name:	Meyer Chetrit
Owner Company:	2401 3rd Ave Associates Property LLC
Owner Address:	512 Seventh Avenue, 15th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10018
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Cedric Loftin
Owner Company:	Bronx Community Board 1
Owner Address:	3024 Third Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Bronx, NY 10455
Owner Country:	United States of America

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER MUGLER SHORING INC. (Continued)

S117936658

HW Code:	C203052
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203052
Waste Type:	methyl-tert-butyl ether (MTBE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203052
Waste Type:	benzo[k]fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203052
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203052
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203052
Waste Type:	benzo(b)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203052
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203052
Waste Type:	hexane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203052
Waste Type:	heptane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203052
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203052
Waste Type:	methyl chloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

236
North
1/4-1/2
0.469 mi.
2478 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:

237
 NNW
 1/4-1/2
 0.488 mi.
 2574 ft.

FORMER G & C SERVICES
255 EAST 138TH STREET
BRONX, NY 10451

NY ENG CONTROLS
NY INST CONTROL
NY BROWNFIELDS

S110768286
N/A

Relative:
Lower

ENG CONTROLS:

Site Code: 444720
 HW Code: C203057
 Control Code: 15
 Control Type: ENG
 Date Record Added: 09/28/2016
 Date Rec Updated: 12/29/2016
 Updated By: YYWONG
 Site Description:

Actual:
21 ft.

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: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and

MAP FINDINGS

FORMER G & C SERVICES (Continued)

S110768286

associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan. Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip: New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Code:	Not reported
HW Code:	C203057
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	COBALT
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZO(K)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 12/14/2016 11:42:00 AM
Record Updated: 12/14/2016 11:42:00 AM
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/28/2016 10:47:00 AM
Record Updated: 9/28/2016 10:47:00 AM
Updated By: YYWONG

INST CONTROL:

Site Code: 444720
Control Name: IC/EC Plan
HW Code: C203057

FORMER G & C SERVICES (Continued)

S110768286

Control Code: 34
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 12/29/2016
Updated By: YYWONG
Site Code: 444720

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and 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: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per

MAP FINDINGS

FORMER G & C SERVICES (Continued)

S110768286

million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 12/14/2016 11:42:00 AM
Record Updated: 12/14/2016 11:42:00 AM
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/28/2016 10:47:00 AM
Record Updated: 9/28/2016 10:47:00 AM
Updated By: YYWONG

Site Code: 444720
Control Name: Ground Water Use Restriction
HW Code: C203057
Control Code: 08
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 12/29/2016
Updated By: YYWONG
Site Code: 444720
Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and 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

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currently vacant and has not been used since 2006. To the north are large, multi-story former industrial buildings, to the west is a one-story garage building currently used for parking and storage, to the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Env Problem:

Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence 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,

Map ID
Direction
Distance
Elevation

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Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

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benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 12/14/2016 11:42:00 AM
Record Updated: 12/14/2016 11:42:00 AM
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/28/2016 10:47:00 AM
Record Updated: 9/28/2016 10:47:00 AM
Updated By: YYWONG

Site Code: 444720
Control Name: Landuse Restriction
HW Code: C203057
Control Code: 25
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 12/29/2016
Updated By: YYWONG
Site Code: 444720

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and 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

MAP FINDINGS

FORMER G & C SERVICES (Continued)

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site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence 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);

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Owner

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 12/14/2016 11:42:00 AM
Record Updated: 12/14/2016 11:42:00 AM
Updated By: JAAVERSA
Crossref ID: C203057-05-11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

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Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/28/2016 10:47:00 AM
Record Updated: 9/28/2016 10:47:00 AM
Updated By: YYWONG

Site Code: 444720
Control Name: Monitoring Plan
HW Code: C203057
Control Code: 31
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 12/29/2016
Updated By: YYWONG
Site Code: 444720

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and 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: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic

FORMER G & C SERVICES (Continued)

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compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are

Map ID
Direction
Distance
Elevation

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semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 12/14/2016 11:42:00 AM
Record Updated: 12/14/2016 11:42:00 AM
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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Cross Ref Type Code:

Cross Ref Type: Agreement/Consent Order Date

Record Added Date: 9/28/2016 10:47:00 AM

Record Updated: 9/28/2016 10:47:00 AM

Updated By: YYWONG

Site Code: 444720

Control Name: Environmental Easement

HW Code: C203057

Control Code: J

Control Type: INST

Dt record added: 09/28/2016

Dt rec updated: 12/29/2016

Updated By: YYWONG

Site Code: 444720

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and 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: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was

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performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may 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

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vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

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Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 12/14/2016 11:42:00 AM
Record Updated: 12/14/2016 11:42:00 AM
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/28/2016 10:47:00 AM
Record Updated: 9/28/2016 10:47:00 AM
Updated By: YYWONG

Site Code: 444720
Control Name: Soil Management Plan
HW Code: C203057
Control Code: 14
Control Type: INST
Dt record added: 09/28/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Dt rec updated: 12/29/2016

Updated By: YYWONG

Site Code: 444720

Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and 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: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
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 G & C SERVICES (Continued)

S110768286

Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip:Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 12/14/2016 11:42:00 AM
Record Updated: 12/14/2016 11:42:00 AM
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/28/2016 10:47:00 AM
Record Updated: 9/28/2016 10:47:00 AM
Updated By: YYWONG

Site Code: 444720
Control Name: Site Management Plan
HW Code: C203057
Control Code: 32
Control Type: INST
Dt record added: 09/28/2016
Dt rec updated: 12/29/2016
Updated By: YYWONG
Site Code: 444720
Site Description: Location: The site is located at 255 East 138th Street, between Rider Avenue and Third Avenue, in the Bronx. The site is identified as Block 2333, Lot 1. Site Features: The site is approximately 20,000 square feet and 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

Map ID
Direction
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FORMER G & C SERVICES (Continued)

S110768286

the east (across Third Avenue and Morris Avenue) is a senior citizen residential building and to the south (across East 138th Street) is an abandoned gas station and commercial storefronts with residential apartments above. Past Use of the Site: Most recently, the eastern portion of the site (formerly known as 2551 3rd Avenue) was occupied by a KFC restaurant (approximately 1969 to 2006, demolished in 2012). Prior to that, the site was used as a gas station and machine shop from approximately 1935 to 1969 (originally identified as City Gas and later Cities Service Oil Company). The western portion of the site (formerly known as 245 East 138th Street) has been operated as a machine shop, gasoline station, and auto repair facility by various operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Env Problem: Nature and Extent of Contamination: Prior to Remediation: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence 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

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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FORMER G & C SERVICES (Continued)

S110768286

concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan.

Health Problem: The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen
Owner Company: HP East 138th Street Housing Development Fund Company, Inc.
Owner Address: 242 West 36th Street
Owner Addr2: Third Floor
Owner City,St,Zip:New York, NY 10018
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Nicholas Lettire
Owner Company: East 138th Street LLC
Owner Address: 334-336 East 110th Street
Owner Addr2: Not reported
Owner City,St,Zip:New York, NY 10029
Owner Country: United States of America
HW Code: C203057
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: N-PROPYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: NAPHTHALENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COBALT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BARIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: 1,2,4-TRIMETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: BENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: DIBENZ[A,H]ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C203057
Waste Type: MERCURY

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-610647
Cross Ref Type Code:
Cross Ref Type: PBS No.
Record Added Date: 12/14/2016 11:42:00 AM
Record Updated: 12/14/2016 11:42:00 AM
Updated By: JAAVERSA
Crossref ID: C203057-05-11
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/28/2016 10:47:00 AM
Record Updated: 9/28/2016 10:47:00 AM
Updated By: YYWONG

BROWNFIELDS:

Program: BCP
Site Code: 444720
Acres: 0.468
HW Code: C203057
SWIS: 0301
Town: New York City
Record Added Date: 02/03/2011
Record Updated Date: 01/18/2017
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

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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Env Problem:

operators for 80 years, most recently as a Getty gas station and auto repair shop. Site Geology and Hydrogeology: Depth to groundwater has been measured at 4.75 to 6.32 feet below ground surface and flows to the southwest. The geology generally consists of dark brown sand from 0 to 4 feet below grade, with evidence of urban fill material such as concrete, brick, asphalt, and gravel. Dark brown to gray-black sand is generally present from 4 to 12 feet below grade. Bedrock has not been identified in the top 25 feet below surface grade.

Nature and Extent of Contamination: The primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Two spills have been reported and closed for the site. On June 27, 2007, Spill No. 0703567 was reported for the eastern portion of the site when contamination was discovered during the removal of underground storage tanks from the former gas station. Contaminated soil was excavated and backfilled and end-point samples were analyzed. The spill was closed in May 2008. A spill was also reported for the western portion of the site on June 29, 1998 (NYSDEC Spill No. 9804000), due to contamination identified during the removal of five underground storage tanks, pump islands and associated piping. Contaminated soil was excavated and disposed off-site; subsequent remedial activity and monitoring at the site was performed under the Spill Response Program between 1998 and 2006. The spill was closed on November 3, 2006. Subsequently, the Remedial Investigation indicated that petroleum-related volatile organic compounds (VOCs) from the historical petroleum spills have largely been mitigated, but are still present in soil, groundwater, and soil vapor. Soil - VOCs related to the previous petroleum spills on the site were identified in two soil borings in the southwest corner of the site at a depth of 5.5 to 7.5 feet below grade. In this area, ethylbenzene was detected at a concentration of 45.8 parts per million (ppm) compared to the Unrestricted Use Soil Cleanup Objective (UUSCO) of 8.4 ppm; 1,2,4-trimethylbenzene at 206 ppm compared to the UUSCO of 3.6 ppm; xylene at 71.9 ppm compared to the UUSCO of 0.26 ppm; and naphthalene at 22.6 ppm compared to the UUSCO of 12 ppm. Outside of this limited area, the primary contaminants identified in soil are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. These contaminants are present site-wide primarily from the surface down to 3 to 5 feet below surface grade. Contaminants decrease in presence and concentration in deeper soil. SVOCs, specifically polycyclic aromatic hydrocarbons (PAHs), include: benzo(a)anthracene detected at a maximum of 10.8 ppm, benzo(a)pyrene at a maximum of 10.1 ppm, benzo(b) fluoranthene at a maximum of 11.9 ppm, and chrysene at a maximum of 12.7 ppm. By comparison, the UUSCO for all of these compounds is 1 ppm. Metals include: arsenic at a maximum concentration of 49.3 ppm compared to the UUSCO of 13 ppm; lead at a maximum of 2290 ppm compared to the UUSCO of 63 ppm; copper at a maximum of 718 ppm compared to the UUSCO of 50 ppm; and chromium at a maximum of 35.8 ppm compared to the UUSCO of 30 ppm. Groundwater - Groundwater beneath the site is contaminated with petroleum-related VOCs which are associated with the spills from the former gasoline stations. Groundwater contamination is limited to the western portion of the site. Contaminants of concern in groundwater include: benzene detected at a maximum concentration of 388 parts per billion (ppb); toluene at a maximum concentration of 26.2 ppb; ethylbenzene at a maximum concentration of 122 ppb; and n-propylbenzene at a maximum

Map ID
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MAP FINDINGS

Site

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EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Health Problem: concentration of 451 ppb. The NYSDEC Water Quality Standards for these contaminants are 1 ppb for benzene and 5 ppb for toluene, ethylbenzene, and n-propylbenzene. Soil Vapor - Multiple VOCs were identified in soil vapor across the site. Tetrachloroethylene (PCE) was detected in 5 of 6 soil vapor samples at concentrations ranging from 210 micrograms per cubic meter (ug/m3) to 373 ug/m3. Significant Threat: NYSDEC and NYSDOH have determined that this site does not pose a significant threat to human health or the environment. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site are semi-volatile organic compounds (SVOCs) and metals, which appear to be related to the presence of historic fill material. Remedial actions have successfully achieved soil cleanup objectives. Remaining contamination is being managed under a Site Management Plan. The site is completely fenced, which restricts public access. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of contaminants due to soil vapor intrusion does not represent a current concern. On-site contamination is not contributing to off-site vapor intrusion exposures.

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2/4/2011 9:35:00 AM
Record Upd: 12/5/2013 11:20:00 AM
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Jeanine Thomas-Cross
Owner Company: Mott Haven Library
Owner Address: 321 East 140th Street
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Applicant/Requestor
Sub Type: P03
Owner Name: Roger Pine
Owner Company: East 138th Street LLC c/o Lettire Construction
Owner Address: Lettire Construction Corp
Owner Addr2: 334-336 East 110th Street
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: Owner
Sub Type: P03
Owner Name: Daniel M. Cohen

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Owner Company:	HP East 138th Street Housing Development Fund Company, Inc.
Owner Address:	242 West 36th Street
Owner Addr2:	Third Floor
Owner City,St,Zip:	New York, NY 10018
Owner Country:	United States of America
Own Op:	Owner
Sub Type:	P03
Owner Name:	Nicholas Lettire
Owner Company:	East 138th Street LLC
Owner Address:	334-336 East 110th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
HW Code:	C203057
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	COBALT
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

HW Code:	C203057
Waste Type:	1,2,4-TRIMETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	MANGANESE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZ(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	BENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	DIBENZ[A,H]ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C203057
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	2-610647
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	12/14/2016 11:42:00 AM
Record Updated:	12/14/2016 11:42:00 AM
Updated By:	JAAVERSA
Crossref ID:	C203057-05-11
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FORMER G & C SERVICES (Continued)

S110768286

Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2016000336912
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 9/28/2016 10:48:00 AM
Record Updated: 9/28/2016 10:48:00 AM
Updated By: YYWONG
Crossref ID: 2011-05-19
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 9/28/2016 10:47:00 AM
Record Updated: 9/28/2016 10:47:00 AM
Updated By: YYWONG

238
WSW
1/4-1/2
0.491 mi.
2594 ft.

AMOCO
255 EAST 125TH STREET
NEW YORK CITY, NY

NY LTANKS **S104275536**
N/A

Relative:
Lower

LTANKS:

Actual:
13 ft.

Site ID: 245905
Spill Number/Closed Date: 8809618 / 2004-03-25
Spill Date: 1989-03-14
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: 3101
Investigator: KMFOLEY
Referred To: Not reported
Reported to Dept: 1989-03-14
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: 1989-03-15
Spill Record Last Update: 2004-03-25
Spiller Name: Not reported
Spiller Company: AMOCO GAS STATION
Spiller Address: 255 EAST 125TH STREET
Spiller City,St,Zip: NEW YORK, NY
Spiller County: 001
Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 201930
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was K FOLEY 3/14/03 REASSIGNED FROM SULLIVAN TO VOUGHT. 1/8/04 Reassigned from Vought to K Foley. To be investigated and remediated under spill

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AMOCO (Continued)

S104275536

Remarks: #9711337."
"(2) 4K TANKS SIPHONED TOGETHER FAILED PETRO TITE WITH A LEAK RATE OF
-.358GPH, WILL EXCAVATE, ISOLATE & RETEST."

Material:
Site ID: 245905
Operable Unit ID: 925675
Operable Unit: 01
Material ID: 450800
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: 245905
Spill Tank Test: 1535248
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

AQ239
NNW
1/4-1/2
0.495 mi.
2612 ft.

RIDER AVENUE GAS STATION
250 EAST 138TH STREET
BRONX, NY 10451

NY SHWS S113916758
N/A

Site 1 of 2 in cluster AQ

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
Site Description: Part of Port Morris Zone 1 BOA. DEC #BOA00032 DOS #10BOA002 Site
Investigation could not be funded under BOA since there is an ongoing
State enforcement action.
Env Problem: Not reported
Health Problem: Not reported
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported

Actual:
20 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RIDER AVENUE GAS STATION (Continued)

S113916758

Pond: Not reported
 Disp Start: Not reported
 Disp Term: Not reported
 Lat/Long: Not reported
 Dell: Not reported
 Record Add: Not reported
 Record Upd: Not reported
 Updated By: Not reported
 Own Op: Owner
 Sub Type: C04
 Owner Name: Lourdes Zapata
 Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
 Owner Address: 555 Bergen Avenue
 Owner Addr2: Not reported
 Owner City,St,Zip: Bronx, NY 10455
 Owner Country: United States of America
 Own Op: Applicant/Requestor
 Sub Type: C04
 Owner Name: Lourdes Zapata
 Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
 Owner Address: 555 Bergen Avenue
 Owner Addr2: Not reported
 Owner City,St,Zip: Bronx, NY 10455
 Owner Country: United States of America
 HW Code: Not reported
 Waste Type: Not reported
 Waste Quantity: Not reported
 Waste Code: Not reported
 Crossref ID: Not reported
 Cross Ref Type Code: Not reported
 Cross Ref Type: Not reported
 Record Added Date: Not reported
 Record Updated: Not reported
 Updated By: Not reported

**AQ240
 NNW
 1/4-1/2
 0.495 mi.
 2612 ft.**

**RIDER AVENUE GAS STATION
 250 EAST 138TH STREET
 BRONX, NY 10451
 Site 2 of 2 in cluster AQ**

**US BROWNFIELDS 1019322148
 N/A**

**Relative:
 Lower**

US BROWNFIELDS:

Property Name: RIDER AVENUE GAS STATION
 Recipient Name: New York, City of
 Grant Type: Assessment
 Property Number: Block 2320, Lot 66
 Parcel size: .26
 Latitude: 40.811164
 Longitude: -73.92810800000001
 HCM Label: Address Matching-House Number
 Map Scale: Not reported
 Point of Reference: Entrance Point of a Facility or Station
 Highlights: Not reported
 Datum: North American Datum of 1983
 Acres Property ID: 151042
 IC Data Access: Not reported
 Start Date: Not reported
 Redev Completion Date: Not reported

**Actual:
 20 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIDER AVENUE GAS STATION (Continued)

1019322148

Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	2350
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	97257806
Start Date:	03/05/2012 00:00:00
Ownership Entity:	Private
Completion Date:	06/05/2012 00:00:00
Current Owner:	Think Big Auto Rent/Lease
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIDER AVENUE GAS STATION (Continued)

1019322148

Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Gas station with service area
Below Poverty Number:	12271
Below Poverty Percent:	2.6%
Meidan Income:	5174

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RIDER AVENUE GAS STATION (Continued)

1019322148

Meidan Income Number: 21290
Meidan Income Percent: 1.5%
Vacant Housing Number: 1055
Vacant Housing Percent: 29.7%
Unemployed Number: 1887
Unemployed Percent: 16.6%

**241
WNW
1/4-1/2
0.496 mi.
2621 ft.**

**MORRIS HOUSES
3663 3RD AVENUE
NEW YORK CITY, NY**

**NY LTANKS S100560424
NY Spills N/A**

**Relative:
Lower**

LTANKS:

**Actual:
6 ft.**

Site ID: 107294
Spill Number/Closed Date: 9305248 / 1994-06-08
Spill Date: 1993-07-27
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: 1994-06-08
Cleanup Meets Standard: True
SWIS: 0301
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1993-07-28
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: 1993-07-28
Spill Record Last Update: 1994-06-08
Spiller Name: Not reported
Spiller Company: NYC HOUSING
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: 94377
DEC Memo: ""
Remarks: "24" PRODUCT IN DISCOVERED U/G TANK (1K SIZE TANK) WISTON CONTRACTING TO PUMP TANK OUT. WILL ALSO CLEAN PRIOR TO REMOVAL. NYCHA TO REGISTER AND CLOSE TANK."

Material:

Site ID: 107294
Operable Unit ID: 983531
Operable Unit: 01
Material ID: 395185
Material Code: 1887A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MORRIS HOUSES (Continued)

S100560424

Material Name: water purifying tablets
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: Not reported
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported
Site ID: 107294
Operable Unit ID: 983531
Operable Unit: 01
Material ID: 395184
Material Code: 0002A
Material Name: #4 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:

Site ID: 107294
Spill Tank Test: 1541814
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: 8906596
Facility Type: ER
DER Facility ID: 94377
Site ID: 107293
DEC Region: 2
Spill Date: 1989-09-07
Spill Number/Closed Date: 8906596 / Not Reported
Spill Cause: Equipment Failure
Spill Class: Known release that creates potential for fire or hazard. DEC Response.
Willing Responsible Party. Corrective action taken.
SWIS: 0301
Investigator: JKKANN
Referred To: SAR RCVD 09/22/09, QRTLY RPT RCVD 1/16/13
Reported to Dept: 1989-10-04
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MORRIS HOUSES (Continued)

S100560424

Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 1
Date Entered In Computer: 1989-10-16
Spill Record Last Update: 2017-05-08
Spiller Name: Not reported
Spiller Company: NYC HSG AUTH
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: "9/22/06: Spill transferred from Kraszewski to Kann. 10/8/09: J.Kann - WP received on 5/21/08. SAR submitted on 9/22/09. 01/28/2010: Remediation and other associated clean-up activities linked to this spill number is now under the oversight of Moses Ajoku, all correspondence related this case should be addressed to me. (MA) 09/23/10: J.Kann - Quarterly Report submitted on 9/1/10. 2/22/2011- J.Kann - Quarterly Report submitted on 1/6/11. 9/6/12: J.Kann - Quarterly Report recieved on 8/21/12 7/15/13: J.Kann - spill transferred from Moses Ajoku to J.Kann. 5/8/17: J.Kann - SAR from 2009 indicates 18 wells on site. Sampling was performed at 8 monitoring wells, all results were below or non detect for TOGS 1.1.1 (only SVOCs were detected in MW-1 below TOGS, other wells were non-detect) Fingerprint analysis confirmed presence of 4/6 oil. Plume is not dissolving based on groundwater analysis and date of spill. Measurable product in 2009 was 0.1 feet or less. A system has been operating on site for 20+ years. System should be shut down and wells monitored for product recharge (min 6 months) at which time an evaluation can be done for closure. "
Remarks: "PLUMBERS ON ROUTINE REPAIR FOUND SIGNS OF LEAKAGE, RETURN LINE WAS LEAKING, WILL TEST THE BORINGS."
Material:
Site ID: 107293
Operable Unit ID: 931604
Operable Unit: 01
Material ID: 447012
Material Code: 0003A
Material Name: #6 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:
Site ID: 107293
Spill Tank Test: 1536164
Tank Number: Not reported
Tank Size: 0
Test Method: 00
Leak Rate: .00
Gross Fail: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MORRIS HOUSES (Continued)

S100560424

Modified By: Spills
 Last Modified: Not reported
 Test Method: Unknown

242
SW
1/4-1/2
0.498 mi.
2632 ft.

WAGNER HOUSES
2360 FIRST AVENUE
NEW YORK, NY 10035

NY LTANKS **U000418237**
NY UST **N/A**
NY Spills

Relative:
Lower

LTANKS:

Actual:
10 ft.

Site ID: 137292
 Spill Number/Closed Date: 9003394 / 2006-01-26
 Spill Date: 1990-06-25
 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: SWKRASZE
 Referred To: Not reported
 Reported to Dept: 1990-06-25
 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: 1990-06-27
 Spill Record Last Update: 2006-01-26
 Spiller Name: Not reported
 Spiller Company: NYCHA
 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: 117462
 DEC Memo: "01/26/06: This spill transferred from J.Kolleeny to S.Kraszewski. A 35K tank suffered a gross leak in 1990 but was never repaired or taken out of service for repair. Six monitoring wells were already established; three around the tanks and three elsewhere on the site. These wells were installed as part of an investigation for spill #8907784, product seepage into the basement. Since a site investigation has placed MWs around the tanks and at least one follow-up investigation with soil borings has been performed at this site it follows that this spill can be closed to consolidate with open spill #8907784. - SK "

Remarks:

"35K TANK FAILED HORNER EZY CHECK WITH A GROSS LEAK, WILL PUMP & INTERNALLY INSPECT TANK THEN TEST LINES."

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WAGNER HOUSES (Continued)

U000418237

Material:

Site ID: 137292
Operable Unit ID: 943527
Operable Unit: 01
Material ID: 438088
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:

Site ID: 137292
Spill Tank Test: 1537231
Tank Number: 003
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: 2-475084 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 03/28/2019
UTM X: 590005.34079
UTM Y: 4516960.95798
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 20970
Affiliation Type: Mail Contact
Company Name: NYC HOUSING AUTHORITY
Contact Type: Not reported
Contact Name: FUEL OIL REMEDIATION COORDINATOR
Address1: 23-02 49TH AVENUE
Address2: TECH SERVS DEPT - 5TH FLOOR
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 707-5725
EMail: YELENA.TKACH@NYCHA.NYC.GOV
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2015-08-14

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WAGNER HOUSES (Continued)

U000418237

Site Id: 20970
Affiliation Type: Emergency Contact
Company Name: NEW YORK CITY HOUSING AUTHORITY
Contact Type: Not reported
Contact Name: EMERGENCY SERVICES DEPARTMENT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 707-5900
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2014-01-30

Site Id: 20970
Affiliation Type: Facility Owner
Company Name: NEW YORK CITY HOUSING AUTHORITY
Contact Type: FUEL OIL REMEDIATION COORDINATOR
Contact Name: Not reported
Address1: 23-02 49TH AVENUE
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 707-5806
EMail: Not reported
Fax Number: Not reported
Modified By: MXLAY
Date Last Modified: 2017-03-10

Site Id: 20970
Affiliation Type: Facility Operator
Company Name: WAGNER HOUSES
Contact Type: Not reported
Contact Name: YELENA TKACH
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 707-5725
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2017-06-01

Tank Info:

Tank Number: 1
Tank ID: 44036
Tank Status: In Service
Material Name: In Service

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WAGNER HOUSES (Continued)

U000418237

Capacity Gallons: 29000
Install Date: 10/01/1991
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 08/22/2017
Next Test Date: Not reported
Pipe Model: A
Modified By: BKFALVEY
Last Modified: 09/11/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
J02 - Dispenser - Suction Dispenser
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Number: 2
Tank ID: 44037
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 29000
Install Date: 10/01/1991
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: 21
Date Test: 08/22/2017
Next Test Date: Not reported
Pipe Model: A
Modified By: BKFALVEY
Last Modified: 09/11/2017

Equipment Records:

F02 - Pipe External Protection - Original Sacrificial Anode
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WAGNER HOUSES (Continued)

U000418237

L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
F06 - Pipe External Protection - Wrapped
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 3
Tank ID: 37740
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 35000
Install Date: 12/01/1975
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: 21
Date Test: 12/08/2016
Next Test Date: 12/08/2017
Pipe Model: Not reported
Modified By: TLYE
Last Modified: 09/11/2017

Equipment Records:

L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number: OLD 1
Tank ID: 37738
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 33000
Install Date: 05/01/1958
Date Tank Closed: 11/01/1990
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

WAGNER HOUSES (Continued)

U000418237

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: OLD 2
Tank ID: 37739
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 33000
Install Date: 05/01/1958
Date Tank Closed: 11/01/1990
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
F06 - Pipe External Protection - Wrapped
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
I04 - Overfill - Product Level Gauge (A/G)

SPILLS:

Facility ID: 1001185
Facility Type: ER
DER Facility ID: 389102
Site ID: 434216
DEC Region: 2
Spill Date: 2010-02-28
Spill Number/Closed Date: 1001185 / 2010-04-30

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WAGNER HOUSES (Continued)

U000418237

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: RVKETANI
Referred To: Not reported
Reported to Dept: 2010-04-30
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Citizen
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: Not reported
UST Trust: Not reported
Remediation Phase: 0
Date Entered In Computer: 2010-04-30
Spill Record Last Update: 2010-04-30
Spiller Name: ralph troccio
Spiller Company: wagner houses
Spiller Address: 2360 first aveneu
Spiller City,St,Zip: manhattan, NY
Spiller Company: 999
Contact Name: MARK JUSINO
Contact Phone: (646) 409-5462
DEC Memo: "4/30/10 - Raphael Ketani. An unknown vapor was reported as seeping through the walls by Mark Jusino (646) 409-5462 and affecting the breathing of the community. Mr. Jusino told the NRC that the incident originally occurred on 2/28/10 at 1700 hours. The NRC reported the incident today at 1400 hours. The location of the incident is the Wagner Houses at 2360 First Avenue, Manhattan. I investigated the incident and looked for other spills in the database with the same address. Spill #0811336 was called into the DEC as a result of an inspection by staff from the PBS Unit who noticed oil seeping through the boiler room wall. The notes in the case file state that the oil had been seeping through the wall since a tank was removed in 1989. This spill case was subsequently closed and referenced back to spill #8907784. This spill was opened on 11/6/89 and involved the release of oil from two tanks at the site. The case is still open and Jennifer Kann of DER Region 2, PBS Unit, is the case manager. Next, I tried to contact Mr. Jusino, but I could only leave a message. I contacted Ralph Troccio of the maintenance staff (718) 707-5725. I told him that DEC had a vapor complaint from a resident. I asked him whether there was oil seeping into the boiler room or the tank room, or outside. He said that there wasn't and that, right now, there is a steam main repair project going on. He said that there is excavation taking place on both sides of First Avenue in order to repair an underground steam line. The steam main has been leaking for awhile. He said that he had walked around the building and didn't see anything else that could possibly be affecting the residents. I thanked him for his efforts and ended the conversation. As there is no evidence of any other source of vapors in the area, I have determined that there is no threat to the public or the environment. Therefore, I am closing the spill case."

Remarks:

""

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WAGNER HOUSES (Continued)

U000418237

Material:

Site ID: 434216
Operable Unit ID: 1185060
Operable Unit: 01
Material ID: 2179348
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 9009488
Facility Type: ER
DER Facility ID: 117462
Site ID: 324141
DEC Region: 2
Spill Date: 1990-11-30
Spill Number/Closed Date: 9009488 / 1993-07-06
Spill Cause: Equipment Failure
Spill Class: Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS: 3101
Investigator: HEALY
Referred To: Not reported
Reported to Dept: 1990-11-30
CID: Not reported
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Responsible Party
Cleanup Ceased: 1993-07-06
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1990-12-11
Spill Record Last Update: 2006-01-26
Spiller Name: Not reported
Spiller Company: NYCHA
Spiller Address: 250 BROADWAY
Spiller City,St,Zip: NEW YORK, NY
Spiller Company: 001
Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: ""
Remarks: "MANHOLE COVER GASKET LEAK,CONTAINED IN TANK VAULT, TO BE CLEANED UP BYPROJECT PERSONNEL."

Material:

Site ID: 324141

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WAGNER HOUSES (Continued)

U000418237

Operable Unit ID: 949923
Operable Unit: 01
Material ID: 429701
Material Code: 0002A
Material Name: #4 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:

Site ID: 324141
Spill Tank Test: 1537971
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

Facility ID: 8907784
Facility Type: ER
DER Facility ID: 117462
Site ID: 96112
DEC Region: 2
Spill Date: 1989-11-06
Spill Number/Closed Date: 8907784 / Not Reported
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: jkkann
Referred To: NYCHA TO CHECK SEEPAGE 5/2015
Reported to Dept: 1989-11-06
CID: Not reported
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: 1
Date Entered In Computer: 1989-11-13
Spill Record Last Update: 2015-04-28
Spiller Name: Not reported
Spiller Company: NYC HOUSING AUTHORITY
Spiller Address: 250 BROADWAY
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

WAGNER HOUSES (Continued)

U000418237

Contact Name: Not reported
Contact Phone: Not reported
DEC Memo: "02/01/06: This spill transferred from J.Kolleeny to S.Kraszewski. This site is currently served by two 29K tanks installed in 1991 and one 35K tank installed in 1975. As a result of this spill, two previous 33K tanks installed in 1958 were removed in 1991. Two monitoring wells were installed in the vicinity of the new tanks to monitoring for any GW contamination linked to the seepage in the boiler room. For several years, no product was reported and oil seepage through the boiler room wall ceased. No documents on file for this spill since 1993. Need an update from NYCHA. - SK 03/22/06: This spill transferred to K.Tang - SK 01/15/09: Spill transferred to J.Kann. new spill called in by NYCHA after oil was observed seeping through the walls of the facility by a PBS inspector (Falvey). Spill 0811336 was closed and consolidated with this spill. Immediate follow-up will be required by NYCHA to determine if seepage is weathered oil from this historic spill, or if it is a new problem. 1/15/09 - J.Kann - spoke with NYCHA's Ralph Trocchio. Indicated to him that he will need to determine if the oil seeping is weathered or new. If it is new, NYCHA will need to tightness test the tanks immediately, and put together a work plan. If it is weathered, the site should be moved up in schedule D and a work plan submitted this year. 4/28/15: J.Kann - spoke with NYCHA's Yelena Tkach and requested information on a well on the corner of 1st ave and 120th Street. The well was not NYCHA's, it is on another property. NYCHA checked the boiler room. Minor seepage was noted; it is not clear how old it is. They will clean it and check it in a month."
Remarks: "SUSPECT LEAKING UNDERGROUND FUEL LINE, 3 TANKS IN PLACE-TO DISCONTINUE USE OF TANKS 1 AND 2."

Material:
Site ID: 96112
Operable Unit ID: 932725
Operable Unit: 01
Material ID: 444565
Material Code: 0002A
Material Name: #4 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:
Site ID: 96112
Spill Tank Test: 1536368
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

243
NNW
1/2-1
0.607 mi.
3203 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:
17 ft.

Site Description: Part of Port Morris Zone 1 BOA. DEC #BOA00032 DOS #10BOA002 Site Investigation could not be funded under BOA since property owner would not allow access. No environmental data available for this site.

Not reported
 Env Problem: Not reported
 Health Problem: Not reported
 Dump: Not reported
 Structure: Not reported
 Lagoon: Not reported
 Landfill: Not reported
 Pond: Not reported
 Disp Start: Not reported
 Disp Term: Not reported
 Lat/Long: Not reported
 Dell: Not reported
 Record Add: Not reported
 Record Upd: Not reported
 Updated By: Not reported

Own Op: Applicant/Requestor
 Sub Type: C04

Owner Name: Lourdes Zapata
 Owner Company: South Bronx Overall Economic Development Corporation (SoBRO)
 Owner Address: 555 Bergen Avenue
 Owner Addr2: Not reported
 Owner City,St,Zip: Bronx, NY 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

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

2568 PARK (Continued)

S113916757

Updated By: Not reported

244
East
1/2-1
0.803 mi.
4238 ft.

ACE SUEDE AND LEATHER
808 EAST 139TH ST
BRONX, NY 10454

NY SHWS
NY LTANKS
NY Spills

S106000366
N/A

Relative:
Lower

SHWS:

Program: HW
 Site Code: 494336
 Classification: Significant threat to the public health or environment - action required.

Actual:
19 ft.

Region: 2
 Acres: 0.438
 HW Code: 203072
 Record Add: 05/01/2014
 Record Upd: 01/10/2017
 Updated By: JXGRECO

Site Description:

Location: The site is located in the Port Morris section of The Bronx. The site is bordered by East 139th Street to the north, and by commercial/industrial properties on the east, south, and west. The site is 19,100 square feet in size. Site Features: The Site is improved with both 1 and 2-story commercial buildings (2 units total). The elevated Bruckner Expressway (I-278) is located 1/2 block west of the site. The elevated Amtrak/CSX right-of-way (6 tracks) is located approximately 100 feet east of the site. The East River is located 3 blocks east of the site. Current Zoning and Land Use: The general vicinity of the subject property, including the property itself, is zoned as M3-1 which permits manufacturing. M3 districts are for heavy industries that generate noise, traffic or pollutants. Several multi-story residential buildings are located west of the site, around the corner at Bruckner Boulevard and East 138th Street. Past Use of the Site: The subject property was historically operated as a dry cleaning facility (Lichtenstein General Cleaners corp.) from the 1940s to the 1970s, and as a leather factory (Ace of Suedes Inc.) from the late 1970s to 2013. Currently, the property is occupied by a moving company (Empire Movers). According to a 2013 Phase I by Alpha-Hydro Environmental, seven Varnolene tanks are present in the south central portion of the building. Varnolene was the brand name for a form of mineral spirits used in dry cleaning. It is also likely that perchloroethylene was used more recently, as Varnolene and other petroleum distillates were phased out of use as a fire hazard. The site had manifested spent halogenated solvents (F002), chromium (D007), tetrachloroethylene (D039) and trichloroethylene (D040) under Ace Suede and Leather EPA ID No. NYD068124585 from 1987 to 2013, and was a large quantity generator. A Phase II investigation was conducted inside the property in late 2013. Site Geology and Hydrogeology: The groundwater in and around the site was found at depths ranging from 5-9 feet below grade. Site geology consisted of poorly sorted sands, gravels, pebbles, and silt. Groundwater flow is towards the southeast.

Env Problem:

Nature and Extent of Contamination: - Soil The primary contaminants at the site are tetrachloroethene (PCE) and trichloroethene (TCE). PCE was found at concentrations up to 10,000 ppm, which is well above the Part 375.6 soil cleanup objectives for the Protection of Groundwater (1.3 ppm) and industrial use (300 ppm). TCE was found at concentrations up to 570 ppm, which is well above the Part 375.6 soil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACE SUEDE AND LEATHER (Continued)

S106000366

cleanup objectives for the Protection of Groundwater (0.47 ppm) and industrial use (400 ppm). Groundwater PCE was found at concentrations up to 55,000 ppb. TCE was found at concentrations up to 21,000 ppb. Cis-1,2-dichloroethene was found at concentrations up to 69,000 ppb. These concentrations are all well above the Part 703.5 class GA groundwater standard of 5 ppb for each contaminant. - Soil Vapor Soil vapor intrusion sampling was not performed.

Health Problem: Direct contact with contaminants in the soil is unlikely because the majority of the site is covered with buildings and pavement. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential for soil vapor intrusion in the on-site building should be evaluated.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 6/28/2014 1:28:00 PM
Record Upd: 6/28/2014 1:28:00 PM
Updated By: DKHARRIN
Own Op: Owner
Sub Type: E
Owner Name: Not reported
Owner Company: Ace Suede-Life, Inc.
Owner Address: 808 East 139th Street
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: On-Site Operator
Sub Type: E
Owner Name: Not reported
Owner Company: Empire Movers
Owner Address: 808 East 139th Street
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10454
Owner Country: United States of America
Own Op: Owner
Sub Type: E
Owner Name: Not reported
Owner Company: Ace Suede-Life, Inc.
Owner Address: PO Box 327
Owner Addr2: Not reported
Owner City,St,Zip: Cliffside Park, NJ 07010
Owner Country: United States of America
HW Code: 203072
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACE SUEDE AND LEATHER (Continued)

S106000366

Waste Code: Not reported
Crossref ID: C203072
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 12/21/2015 11:53:00 AM
Record Updated: 12/21/2015 11:53:00 AM
Updated By: BXANDERS

LTANKS:

Site ID: 184005
Spill Number/Closed Date: 9800240 / 2005-07-12
Spill Date: 1998-04-06
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: DKHARRIN
Referred To: Not reported
Reported to Dept: 1998-04-06
CID: 211
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: 1998-04-06
Spill Record Last Update: 2015-12-09
Spiller Name: T J OCONNOR
Spiller Company: ACE OF SUEDE
Spiller Address: 808 EAST 139TH ST
Spiller City,St,Zip: BRONX, NY
Spiller County: 001
Spiller Contact: T J OCONNOR
Spiller Phone: (516) 678-5115
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 154012
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 3/11/03 - SAMUEL- File available in active unassigned spill files. 8/18/2004 No file was found in the active unassigned spill file Sangesland spoke to a woman who received the DEC mass mailing for past due TTF letters. She says her company is a tenant and was not at this address in 1998. Sangesland asked her for forward the name and address of the owner of the property so the DEC can forward the notice to him. 7/12/05 - Haggerty - I had previously recieved a Tank Tightness Test Report from Dry as a Bone. The test was done after the original tank test failure on 4/06/98 and it passed. Also, the PBS tank was re-certified on 8/21/03. There was no evidence of any release from the tank due to the test failure. The tank was repaired (return and vent line replaced) and is still in use. Spill closed 12/9/2015: PM spoke to tenant on the phone. She indicated that the fuel tank and dispenser were removed from the space she occupies prior to her renting it. (Harrington)"

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACE SUEDE AND LEATHER (Continued)

S106000366

Remarks: ""

Material:

Site ID: 184005
Operable Unit ID: 1057602
Operable Unit: 01
Material ID: 325783
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: 184005
Spill Tank Test: 1545738
Tank Number: 1
Tank Size: 2000
Test Method: 03
Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified: Not reported
Test Method: Horner EZ Check I or II

SPILLS:

Facility ID: 1309303
Facility Type: ER
DER Facility ID: 449261
Site ID: 490095
DEC Region: 2
Spill Date: 2013-12-20
Spill Number/Closed Date: 1309303 / Not Reported
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 0301
Investigator: DKHARRIN
Referred To: Not reported
Reported to Dept: 2013-12-20
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: 2013-12-20
Spill Record Last Update: 2017-03-07

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACE SUEDE AND LEATHER (Continued)

S106000366

Spiller Name: CHARLIE SOSIK
Spiller Company: ACE SUEDE AND LEATHER
Spiller Address: 808 EAST 139TH ST
Spiller City,St,Zip: BRONX, NY 10454
Spiller Company: 999
Contact Name: CHARLIE SOSIK
Contact Phone: (631) 504-6000
DEC Memo: "For additional information, see spill no. 01-09866 (call from anonymous Ace Suede employee indicated that PCE was being dumped down a drain by unidentified employee - closed 2/13/2003). 12/20/2013: DEC (Piper) left message for Charles Sosik (631.504.6000) regarding the site. Mr. Sosik apparently investigated the site for a potential buyer, and subsequently reported the results to the Department. Tax Map Number: BRONX(2), BLOCK 02590, LOT 0036 Owner Name- ACE SUEDE-LIFE INC. PO BOX 327 CLIFFSIDE, NJ 07010 5/5/2014: Project transferred to DER - Central Office for management. Assigned to D. Harrington - Remedial Bureau B, Section C. (Harrington) 6/26/2014: PM conducted a site visit. Property located in Port Morris section of The Bronx. Area zoned for heavy manufacturing. AMTRAK/CSX elevated right-of-way adjacent to site on the east. Property now occupied by Handy Laundry and Cleaners. (Harrington) 8/13/2014: Call-out initiated by PM. Contractor is Envirotrac (Contract No. C100902, Call-out 112813). Work to be completed includes the installation of five (5) groundwater and five (5) soil vapor wells. (Harrington) 8/26/2014: PM completed oversight of the primary call-out field work. In addition to the well installations noted in the remarks dated 8/13, Envirotrac also completed well development and sidewalk flag restoration activities. (Harrington) 9/10/2014: PM conducted site visit during GW sampling by EnviroTrac. MW-02 water was very dark; product sheen and heavy petroleum odors noted. Analysis for VOCs, SVOCs, and product fingerprint. Inspection of new sidewalk flag @ MW-05/SG-05 showed no problems. (Harrington) 11/21/2014: PM sent e-mail to EnviroTrac with an updated call-out work authorization form attached. Budget increase due to additional flag replacements, SVOC sampling due to presence of LNAPL, and additional drilling time caused by repeated refusals. (Harrington) 12/8/2014: PM conducted a site visit. All five (5) new groundwater and five (5) new soil vapor well caps are intact. All four (4) new sidewalk flags are in good shape. Site appears to have a moving company as a new tenant on the ground floor. (Harrington) 1/24/2015: PM sent an e-mail to EnviroTrac approving the January 2015 draft site investigation report. The final report will be forwarded to the Department shortly. (Harrington) 2/19/2015: The P-site notification letter was signed by Bob Cozzy (Director - RBB) and mailed to Ace Suede Life, Inc. at PO Box 327 in Cliffs Park, NJ 07010. It is being sent out now because this letter was not sent by Region 2 at the time the property was made a P-site back in April 2014. (Harrington) 3/7/2015: The P-site letter dated February 19, 2015 was returned to the Department. The US Post Office yellow label on the envelope indicates not deliverable as addressed; unable to forward. (Harrington) 3/20/2015: PM conducted a site visit in an attempt to get some site owner information. No one was present on-site at the time of this visit. Information on the door indicates that the site is currently occupied by Empire Movers @ (212) 365 - 8367. (Harrington) 5/28/2015: PM conducted a site visit. Empire Movers still appears as the site occupant. No one present during visit. PM checked all of the new sidewalk flags and well covers installed as part of August 2014 mobilization. All looks good.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACE SUEDE AND LEATHER (Continued)

S106000366

(Harrington) 6/8/2015: The P-site notification letter was signed by Robert Cozzy (Director - Remedial Bureau B) and re-sent to the property owner (Ace Suede-Life, Inc.) at PO Box 327 in Cliffsides Park, NJ 07010. (Harrington) 6/18/2015: PM sent electronic copies of the Phase 1 (11/2013) and Phase 2 (12/2013) reports to requestor under FOIL No. 15-2296. Also included an electronic copy of the site's inactive hazardous waste disposal report. (Harrington) 6/26/2015: PM received voice mail on 6/25/2015 from environmental consultant (Mary Manto - Tenen Environmental; 646.606.2332, ext. 102) to the site owner, who was in receipt of the June 8th P-site notification letter from B. Cozzy. She wanted copies of site-related reports. I followed up with a voice mail to Ms. Manto today indicating documents would be made available after receipt of FOIL request. (Harrington) 7/1/2015: PM received voice mail from apparent site owner (Candace Choi; 201.707.9040). She indicated that she was hiring an environmental attorney, and would be contacting me after review of the site-related environmental reports. (Harrington) 7/24/2015: PM sent copies of the Phase 1 and Phase 2 reports on a cd to the site owner's environmental consultant under FOIL No. R2-15-2242. After review of material, owner's attorney indicates that the client will enter BCP. (Harrington) 11/18/2015: PM conducted site visit. Department-installed monitoring wells (groundwater and soil gas) and restored sidewalk flags are intact. PM initiating re-class package for the property (P to 2). OGC to contact attorney for site owner. (Harrington) 11/23/2015: DEC PM initiates draft listing package for property to be listed as a class 2 site on the Registry of Inactive Hazardous Waste Disposal Sites based on contamination beneath the site from past operations (dry cleaner and leather factory). (Harrington) 12/21/2015: Department receives BCP application from the site owner. Draft class 2 package is put on hold, and will be converted to BCP Significant Threat Determination if the site is allowed to enter the program. Application completeness review is underway. (Harrington) 4/4/2016: The BCP application has been accepted by Department. Applicant has been sent Brownfield Cleanup Agreement (BCA) under cover letter dated today. Agreement must be signed within 60 days of today or the offer to enter BCP will be rescinded. (Harrington) 5/31/2016: DEC Attorney (J. Albin - Region 2) grants the Applicant a 30-day extension for signing the BCA, given that the company owner is out of the country at this time. The new deadline for the Department to receive the BCA is July 5, 2016. (Harrington) 6/29/2016: DEC PM conducted a site visit. No changes to the site building at 808 East 139th Street, or to the Department-installed groundwater and soil vapor monitoring wells along East 138th and 139th Streets were observed. (Harrington) 7/1/2016: The Department has received the signed BCAs from the Applicant. The Director of the Division of Environmental Remediation executed the BCA in a letter to the Applicant dated today. Past costs in the amount of \$113,076.09 are due by August 14, 2016. (Harrington) 9/1/2016: OGC (J. Albin - Region 2) sent BCP Opportunity to Cure Violation letter to the Participant (site owner) and her attorney regarding the past-due CP Plan, RI Work Plan, and past costs. If all three are not received in 30 days, BCA is terminated. (Harrington) 10/28/2016: The RI work plan submitted September 30, 2016 was found to be significantly deficient and was rejected. No payment of past cost was made by October 3rd deadline. Accordingly, the BCA was terminated in a letter sent by OGC dated October 14, 2016. (Harrington) 12/5/2016: Attorney for Ace submitted request for

Map ID
Direction
Distance
Elevation

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ACE SUEDE AND LEATHER (Continued)

S106000366

dispute resolution dated 10/31/16 regarding BCA termination. Dispute was heard by G. Heitzman (Director, Bureau C). Mr. Heitzman found in favor of the Department, and termination effective 10/7/16. (Harrington) 1/3/2017: The Department has finalized the listing of this property in the Registry of Inactive Hazardous Waste Sites as a class 2 site (consequential amount of hazardous waste disposed, posing a significant threat to public health and/or the environment) within New York's State Superfund Program. (Harrington) 2/1/2017: PM reviewed and approved a revised past cost summary package prepared by Program Management. The revised amount of past cost owed by the site owner to the Department is \$124,151.20. (Harrington) 2/10/2017: PM provided a detailed cost estimate for the completion of a State-funded RI/FS to DEC Project Attorney (J. Albin). Total costs projected for this program (including both on and offsite elements) totaled \$667,600. (Harrington) 2/14/2017: PM provided a detailed cost estimate for the completion of a State-funded on-site IRM (UST and contaminated soil removal) to DEC Project Attorney (J. Albin). Total costs projected for this program totaled \$228,000. (Harrington) 3/1/2017: PM provided brief comments on the draft Order on Consent and Administrative Settlement between the Department and the site owner to J. Albin (DEC Project Attorney). Previous cost estimates were submitted in support of this draft order. (Harrington)"

Remarks: "Phase 2 lab results showed contamination."
Material:
Site ID: 490095
Operable Unit ID: 1239662
Operable Unit: 01
Material ID: 2239714
Material Code: 0040A
Material Name: tetrachloroethene (PCE)
Case No.: 00127184
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported
Site ID: 490095
Operable Unit ID: 1239662
Operable Unit: 01
Material ID: 2239713
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported
Site ID: 490095
Operable Unit ID: 1239662
Operable Unit: 01
Material ID: 2239715
Material Code: 2633A
Material Name: trichloroethene (TCE)
Case No.: 00079016

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ACE SUEDE AND LEATHER (Continued)

S106000366

Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

Facility ID: 0109866
Facility Type: ER
DER Facility ID: 154012
Site ID: 184004
DEC Region: 2
Spill Date: 2002-01-11
Spill Number/Closed Date: 0109866 / 2003-02-13
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: DKHARRIN
Referred To: Not reported
Reported to Dept: 2002-01-11
CID: 216
Water Affected: Not reported
Spill Source: Commercial/Industrial
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: 2002-01-11
Spill Record Last Update: 2015-12-09
Spiller Name: MR KISSMAN
Spiller Company: ACE SUEDE AND LEATHER
Spiller Address: 808 EAST 139TH ST
Spiller City,St,Zip: BRONX, NY 10454-001
Contact Name: MR KISSMAN
Contact Phone: (718) 733-4051
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 2/13/2003 - Closed Due To The Nature / Extent Of The Spill Report Work on this site has been consolidated under spill no. 13-09303. (Harrington) 12/9/2015: Employee called in an anonymous tip indicating that he was directed to dump dry cleaning solvent down the drain at this facility. Site is currently being investigated due to high levels of PCE in both soil and groundwater beneath floor of building. (Harrington)"

Remarks: "caller is an employee calling about his work putting a cleaning material down the drain req dec rep to call and not to let his place of employment know that he called"

Material:
Site ID: 184004

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ACE SUEDE AND LEATHER (Continued)

S106000366

Operable Unit ID: 848214
Operable Unit: 01
Material ID: 527509
Material Code: 0040C
Material Name: PERC
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: Gallons
Recovered: .00
Resource Affected: Not reported
Oxygenate: Not reported

Tank Test:

245
SSW
1/2-1
0.820 mi.
4330 ft.

CON EDISON - EAST 115TH ST. WORKS MGP
EAST 114TH - EAST 116TH STS.
NEW YORK, NY 10029

EDR MGP 1008407982
N/A

Relative:
Lower

Manufactured Gas Plants:
No additional information available

Actual:
9 ft.

246
ESE
1/2-1
0.846 mi.
4468 ft.

CON EDISON - EAST 137TH ST. STATION MGP
136TH ST. - 137TH ST.
BRONX, NY 10454

EDR MGP 1008407866
N/A

Relative:
Lower

Manufactured Gas Plants:
No additional information available

Actual:
15 ft.

247
East
1/2-1
0.930 mi.
4910 ft.

NY MGP
EAST 138TH - EAST 140TH STS.
BRONX, NY 10454

EDR MGP 1008407875
N/A

Relative:
Lower

Manufactured Gas Plants:
Alternate Name: CE - E. 138th St. - Bronx Works. No additional information available

Actual:
14 ft.

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EPA ID Number

248
NNW
1/2-1
0.990 mi.
5226 ft.

2350 FIFTH AVENUE CORP
2350 5TH AVE
NEW YORK, NY 10037

RCRA-CESQG
NY SHWS
NY VAPOR REOPENED
NY ENG CONTROLS
NY INST CONTROL
FINDS
ECHO

1000108749
NYD071026173

Relative:
Lower

Actual:
5 ft.

RCRA-CESQG:

Date form received by agency: 01/01/2007
Facility name: 2350 FIFTH AVENUE CORP
Facility address: 2350 5TH AVE
NEW YORK, NY 10037-1101
EPA ID: NYD071026173
Mailing address: 5TH AVE
NEW YORK, NY 10037
Contact: Not reported
Contact address: 5TH AVE
NEW YORK, NY 10037
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Land type: Private
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: 2350 FIFTH AVENUE CORP
Owner/operator address: 2350 5TH AVE
NEW YORK, NY 10037
Owner/operator country: US
Owner/operator telephone: 212-234-5000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: 2350 FIFTH AVENUE CORP
Owner/operator address: 2350 5TH AVE
NEW YORK, NY 10037
Owner/operator country: US
Owner/operator telephone: 212-234-5000

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MAP FINDINGS

Site

Database(s)

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2350 FIFTH AVENUE CORP (Continued)

1000108749

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 01/01/2006
Site name: 2350 FIFTH AVENUE CORP
Classification: Conditionally Exempt Small Quantity Generator

Date form received by agency: 07/08/1999
Site name: 2350 FIFTH AVENUE CORP
Classification: Not a generator, verified

. Waste code: NONE
. Waste name: None

Date form received by agency: 04/24/1998
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, CHLORO BENZENE, 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.

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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: 01/26/2017
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/13/1990
Evaluation: NON-FINANCIAL RECORD REVIEW
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

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Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Area of violation: Generators - Records/Reporting
Date achieved compliance: 01/05/1988
Evaluation lead agency: State

SHWS:

Program: HW
Site Code: 57691
Classification: Site is properly closed - requires continued management.
Region: 2
Acres: 1.543
HW Code: 231004
Record Add: 11/18/1999
Record Upd: 05/09/2017
Updated By: JHOCONNE

Site Description: Location: The site is located on the west side of Fifth Avenue between 141st Street and 142nd Street in the borough of Manhattan, City and State of New York. Site Features: The site is approximately 1.54 acres, and is entirely occupied by a building. The building is comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 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

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2350 FIFTH AVENUE CORP (Continued)

1000108749

facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 9/20/2013 11:18:00 AM
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America

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2350 FIFTH AVENUE CORP (Continued)

1000108749

Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 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

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2350 FIFTH AVENUE CORP (Continued)

1000108749

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
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: 13
Control Type: ENG
Date Record Added: 11/04/2014
Date Rec Updated: 05/27/2016
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. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing

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.

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: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Code: Not reported
HW Code: 231004
Waste Type: 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
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

Site Code: 57691
HW Code: 231004
Control Code: 35
Control Type: ENG
Date Record Added: 11/04/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Date Rec Updated: 05/27/2016

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. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor's yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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
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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
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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

Site Code: 57691
HW Code: 231004
Control Code: 15
Control Type: ENG
Date Record Added: 11/04/2014
Date Rec Updated: 05/27/2016
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. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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.

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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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Streeet
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code: 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Cross Ref Type: 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
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Crossref ID: w2-0792-98-07
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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
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Cross Ref Type Code: 26
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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

INST CONTROL:

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: 05/27/2016
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. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 9/20/2013 11:18:00 AM
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip:Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code: 05
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: 03
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: 06
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: 03
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
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code: 03
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: 06
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: 06
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

2350 FIFTH AVENUE CORP (Continued)

1000108749

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: 05/27/2016
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. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 9/20/2013 11:18:00 AM
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip:Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 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:
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:
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:
Cross Ref Type: Agreement/Consent Order Number

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Record Added Date: 12/1/2010 2:39:00 PM
Record Updated: 12/1/2010 2:40:00 PM
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
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:
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:
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

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: 05/27/2016
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. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 9/20/2013 11:18:00 AM
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip:Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 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:
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:
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:
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
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
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:
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:
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

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: 05/27/2016
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

MAP FINDINGS

2350 FIFTH AVENUE CORP (Continued)

1000108749

comprised of three connected sections: a two-story section along Fifth Avenue, a three-story section in the center, and a one-story section to the west. Surrounding the site are high-rise residential buildings to the west, south, and southeast of the site. The Harlem River Drive is to the east/northeast, and a National Guard Armory occupies the block immediately to the north. Current Zoning/Use: The site is owned by 2350 Fifth Avenue Corporation. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
Record Upd: 9/20/2013 11:18:00 AM
Updated By: Idennist
Own Op: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21St Street
Owner Addr2: Not reported
Owner City,St,Zip:Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 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:
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
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Updated By: YYWONG
Crossref ID: w2-0792-98-07
Cross Ref Type Code:
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
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
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:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 12/1/2010 2:43:00 PM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Record Updated: 12/1/2010 2:43:00 PM
Updated By: YYWONG
Crossref ID: 03/30/2001
Cross Ref Type Code:
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

Site Code: 57691
Control Name: O&M Plan
HW Code: 231004
Control Code: 33
Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 05/27/2016
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. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970
Disp Term: 1994
Lat/Long: 40:49:02:0 / 73:56:07:0
Dell: False
Record Add: 11/18/1999 12:00:00 PM
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Updated By: Idennist
Own Op: Owner
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Owner Name: Joseph Karten

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip:New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip:New York, NY 10030
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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
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HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
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HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 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:
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Crossref ID: 07/22/2011
Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 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:
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Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
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Record Added Date: 12/1/2010 2:42:00 PM
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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

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: 05/27/2016
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. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
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2350 FIFTH AVENUE CORP (Continued)

1000108749

was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and approximately six to ten feet below grade. Measurements of groundwater elevation indicated varying horizontal flow directions: generally northward towards West 142nd Street and eastward along 142nd Street towards the Harlem River.

Env Problem: Post-Remediation Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were tetrachloroethene (PCE) and its breakdown products [trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), vinyl chloride (VC)] in soil, groundwater and soil vapor and sub-slab insulation material. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination in soil, groundwater, soil vapor and sub-slab insulation material is being managed under the Site Management Plan.

Health Problem: People are not drinking the contaminated groundwater because the area is served by a public water supply that is not contaminated by the site. Direct contact with contaminated soil is unlikely since it is located under pavement and the on-site building. Volatile organic compounds in the groundwater and/or soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the

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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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2350 FIFTH AVENUE CORP (Continued)

1000108749

indoor air of buildings, is referred to as soil vapor intrusion. Site-related contaminants were historically found in the indoor air of the on-site building at concentrations exceeding NYSDOH's air guidelines. To minimize the potential for the inhalation of site-related contaminants, a sub-slab depressurization system was installed beneath the building. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings.

Dump: False
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Pond: False
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Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
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Updated By: YYWONG

Site Code: 57691
Control Name: Site Management Plan
HW Code: 231004
Control Code: 32

2350 FIFTH AVENUE CORP (Continued)

1000108749

Control Type: INST
Dt record added: 11/04/2014
Dt rec updated: 05/27/2016
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. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or perc) as a cleaning solvent. The dry cleaning operation utilized both first-generation and second-generation dry-cleaning machines. The majority of PCE released was associated with the first generation machine use, which involved more handling of PCE than the later machines. The dry cleaning facility operated as registered hazardous waste handler with U.S. Environmental Protection Agency (EPA), ID number NYD071026173. Between 1995 and 1996, most of the ground floor of the building, with the exception of the far western portion, was renovated for use as a New York City public school. The central and eastern portions of the building were occupied by P.S. 141 for a period in the fall of 1997, and were later used by a church for services, offices, and classes. The church vacated the building in December 2004. The remainder of the central and western portion of the building was renovated in 2001 for use as a self storage facility, and in 2006 the self storage facility expanded into the former school portion of the building. Currently the site is use for self storage facility and for art studio space. Site Geology and Hydrogeology: Groundwater in the vicinity of the site is divided into two apparently semi-confined aquifers. The presence of a clay layer acts as an aquitard/aquiclude separating the aquifer into a shallow aquifer above the clay and deeper aquifer below the clay. The groundwater surface in the shallow aquifer is irregular and

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Site

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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.

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Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
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Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code:
Cross Ref Type: County Recording Identifier
Record Added Date: 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:
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:
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:
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
Updated By: YYWONG
Crossref ID: w2-0792-97-05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Cross Ref Type Code:
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 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:
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:
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

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: 05/27/2016
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. It is zoned for light manufacturing (M1-1). The Harlem River is located approximately 200 to 300 feet east of the site. Following completion of remediation, the site is currently occupied by a self-storage facility and a charter school. Past Use of the Site: Based on historical Sanborn fire insurance maps, the site and the surrounding area were in the process of being filled in between 1860 and 1893, and as of 1909 it was mostly vacant or occupied by a contractor s yard. The existing building was originally constructed as a Borden Company ice cream factory: the three-story section in 1923; the two-story section in 1932; and the one-story section in 1950. The floor slab in the one-story (western) section included layers of insulating materials for refrigeration. The area surrounding the site was mostly occupied by garages, auto repair shops, and light manufacturing in the 1930s through the 1950s, with the exception of the block directly north of the site, where the Fifth Avenue Armory was constructed between 1921 and 1933. The residential development, which occupies the area to the south and west of the site, was constructed between 1957 and 1959. From 1970 to 1994 the site was occupied by an industrial laundry and dry cleaning operation which utilized tetrachloroethylene (PCE or

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

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.

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1970

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

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: Owner
Sub Type: 01
Owner Name: Joseph Karten
Owner Company: 2350 Fifth Avenue Corporation
Owner Address: 309 East 94th Street
Owner Addr2: Ground Floor
Owner City,St,Zip: New York, NY 10128
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: New York Public Library
Owner Address: Countee Cullen Branch
Owner Addr2: 104 West 136 Street
Owner City,St,Zip: New York, NY 10030
Owner Country: United States of America
Own Op: Document Repository
Sub Type: B99
Owner Name: Not reported
Owner Company: NYSDEC Region 2 Office
Owner Address: 47-40 21st Street
Owner Addr2: Not reported
Owner City,St,Zip: Long Island City, NY 11101
Owner Country: United States of America
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 231004
Waste Type: CHLORINATED SOLVENTS
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2014000423306
Cross Ref Type Code: 05
Cross Ref Type: County Recording Identifier

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

Record Added Date: 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:
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Updated By: YYWONG
Crossref ID: 07/22/2011
Cross Ref Type Code:
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
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Cross Ref Type Code:
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
Updated By: YYWONG
Crossref ID: w2-0792-97-05
Cross Ref Type Code:
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:
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:
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

FINDS:

Registry ID: 110000808074

Environmental Interest/Information System

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

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

2350 FIFTH AVENUE CORP (Continued)

1000108749

ECHO:

Envid:

1000108749

Registry ID:

110000808074

DFR URL:

<http://echo.epa.gov/detailed-facility-report?fid=110000808074>

Count: 18 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	S109207986	207159; E 144 ST WILLIS AVE	E 144 ST WILLIS AVE		NY Spills
BRONX	S113916735	BRONXCHESTER URA SITE 1A	BROOK AVENUE AT EAST 156TH STR	10455	NY SHWS
BRONX	1018149165	NEW YORK SOLDER CO.	684, 690 E. 133RD ST.	10454	SEMS-ARCHIVE, LEAD SMELTERS
BRONX	S110750616	WILLIS AVE BRIDGE BRONX SIDE	OLD PIER 12 - WILLIS AVE		NY Spills
BRONX	S110769312	WILLIS AVE BRIDGE	WILLIS AVE BRIDGE/BRONX SIDE		NY Spills
BRONX	S109942938	WILLIS AVE BRIDGE	WILLIS AVE BRIDGE		NY Spills
BRONX	S109372848	WILLIS AVE BRIDGE SPAN 12	WILLIS AVE BRIDGE		NY Spills
BRONX	S109372385	THE WILLIS AVE BRIDGE	WILLIS AVE		NY Spills
BRONX	S109371600	HARLEM RIVER I/A/O WILLIS AVE BRID	WILLIS AVE BRIDGE SPAN 13		NY Spills
NEW YORK	S105684683	CE - W. 132ND ST. STATION	12TH AVE. BETWEEN W.131ST - W.	10027	NY VCP
NEW YORK	S118263527	NYC PARKS	RANDALLS ISLAND		NY LTANKS
NEW YORK	S113820405	TANK TEST TTF	SWITCH HOUSE 1 JFK		NY LTANKS
NEW YORK	S110306462	213026; WILLIS AVE AND BRUCKNER BL	WILLIS AVE AND BRUCKNER BLVD		NY Spills
NEW YORK	S109827522	WILLIS AVE BRIDGE	WILLIS AVE		NY Spills
NEW YORK	S109415935	WILLIS AVE BRIDGE - ON BARGE - HAR	WILLIS AVE		NY Spills
NEW YORK CITY	S113916742	PLEASANT AVENUE PLUME TRACKDOWN	PLEASANT AVENUE	10029	NY SHWS

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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/08/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 01/15/2018
	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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/15/2018
	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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 10/06/2017
Number of Days to Update: 92	Next Scheduled EDR Contact: 01/15/2018
	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: 07/11/2017	Source: EPA
Date Data Arrived at EDR: 07/21/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/21/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/30/2017
	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: 07/11/2017	Source: EPA
Date Data Arrived at EDR: 07/28/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/28/2017
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/30/2017
	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: 09/13/2017	Source: EPA
Date Data Arrived at EDR: 09/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (212) 637-3660
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (212) 637-3660
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (212) 637-3660
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (212) 637-3660
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/22/2017	Source: Department of the Navy
Date Data Arrived at EDR: 06/13/2017	Telephone: 843-820-7326
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 08/10/2017
Number of Days to Update: 94	Next Scheduled EDR Contact: 11/27/2017
	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: 02/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/28/2017	Telephone: 703-603-0695
Date Made Active in Reports: 06/09/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 101	Next Scheduled EDR Contact: 12/11/2017
	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: 02/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/28/2017	Telephone: 703-603-0695
Date Made Active in Reports: 06/09/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 101	Next Scheduled EDR Contact: 12/11/2017
	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: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
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: 05/16/2017
Date Data Arrived at EDR: 05/18/2017
Date Made Active in Reports: 08/10/2017
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/17/2017
Next Scheduled EDR Contact: 11/27/2017
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: 05/01/2017
Date Data Arrived at EDR: 05/18/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 127

Source: Department of Environmental Conservation
Telephone: 518-402-9814
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 11/27/2017
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: 06/30/2017
Date Data Arrived at EDR: 07/06/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/28/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/24/2017	Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017	Telephone: 214-665-6597
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/08/2017
	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: 04/14/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/17/2016	Source: EPA Region 8
Date Data Arrived at EDR: 01/26/2017	Telephone: 303-312-6271
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/26/2017	Telephone: 206-553-2857
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/14/2017	Source: EPA Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/06/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/26/2017	Telephone: 415-972-3372
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

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: 11/14/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 01/26/2017	Telephone: 312-886-7439
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	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: 05/16/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/18/2017	Telephone: 518-402-9549
Date Made Active in Reports: 08/09/2017	Last EDR Contact: 08/17/2017
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/27/2017
	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: 07/14/2017
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/23/2017
	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: 09/21/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 09/21/2017	Telephone: 518-402-9549
Date Made Active in Reports: 09/22/2017	Last EDR Contact: 09/21/2017
Number of Days to Update: 1	Next Scheduled EDR Contact: 01/08/2018
	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

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: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

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: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

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

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/27/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/17/2016	Source: EPA Region 8
Date Data Arrived at EDR: 01/26/2017	Telephone: 303-312-6137
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	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: 05/02/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/08/2017
	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: 10/06/2016	Source: EPA Region 9
Date Data Arrived at EDR: 01/26/2017	Telephone: 415-972-3368
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/14/2017	Source: EPA, Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/28/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/26/2017	Source: EPA Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-6136
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/26/2017	Telephone: 206-553-2857
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 07/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Quarterly

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: 09/21/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 09/21/2017	Telephone: 518-402-9543
Date Made Active in Reports: 09/22/2017	Last EDR Contact: 09/21/2017
Number of Days to Update: 1	Next Scheduled EDR Contact: 01/08/2018
	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: 06/27/2017	Source: New York City Department of City Planning
Date Data Arrived at EDR: 09/21/2017	Telephone: 212-720-3300
Date Made Active in Reports: 09/22/2017	Last EDR Contact: 09/19/2017
Number of Days to Update: 1	Next Scheduled EDR Contact: 01/01/2018
	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: 09/22/2017
Number of Days to Update: 21	Next Scheduled EDR Contact: 01/01/2018
	Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 05/16/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 05/18/2017	Telephone: 518-402-9553
Date Made Active in Reports: 08/10/2017	Last EDR Contact: 08/17/2017
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/27/2017
	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: 05/16/2017
Date Data Arrived at EDR: 05/18/2017
Date Made Active in Reports: 08/10/2017
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 08/17/2017
Next Scheduled EDR Contact: 11/27/2017
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

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

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: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 05/16/2017
Date Data Arrived at EDR: 05/18/2017
Date Made Active in Reports: 08/10/2017
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 08/17/2017
Next Scheduled EDR Contact: 11/27/2017
Data Release Frequency: Semi-Annually

VCP NYC: Voluntary Cleanup Program Listing NYC

New York City voluntary cleanup program sites.

Date of Government Version: 12/19/2016
Date Data Arrived at EDR: 12/20/2016
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 143

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 09/18/2017
Next Scheduled EDR Contact: 01/01/2018
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: 05/16/2017
Date Data Arrived at EDR: 05/18/2017
Date Made Active in Reports: 08/10/2017
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 08/17/2017
Next Scheduled EDR Contact: 11/27/2017
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/16/2017
Date Data Arrived at EDR: 05/18/2017
Date Made Active in Reports: 08/10/2017
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 08/17/2017
Next Scheduled EDR Contact: 11/27/2017
Data Release Frequency: Quarterly

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: 06/19/2017
Date Data Arrived at EDR: 06/20/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/20/2017
Next Scheduled EDR Contact: 01/01/2018
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: 06/30/2017
Date Data Arrived at EDR: 07/06/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/15/2018
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: 06/14/2017
Date Data Arrived at EDR: 06/16/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 98

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 09/15/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Annually

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/01/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	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: 07/24/2017
Number of Days to Update: 137	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 08/29/2017
Number of Days to Update: 176	Next Scheduled EDR Contact: 11/13/2017
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 07/13/2017	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/06/2017	Telephone: 202-307-1000
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/11/2017
	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: 08/15/2017	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 08/17/2017	Telephone: 518-402-9622
Date Made Active in Reports: 09/22/2017	Last EDR Contact: 08/17/2017
Number of Days to Update: 36	Next Scheduled EDR Contact: 11/27/2017
	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: 07/13/2017	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/06/2017	Telephone: 202-307-1000
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/02/2006	Telephone: 518-402-9549
Date Made Active in Reports: 07/20/2006	Last EDR Contact: 10/23/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 06/02/2006	Telephone: 518-402-9549
Date Made Active in Reports: 07/20/2006	Last EDR Contact: 10/23/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/22/2007
	Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 08/07/2017	Source: Office of the State Comptroller
Date Data Arrived at EDR: 08/08/2017	Telephone: 518-474-9034
Date Made Active in Reports: 09/22/2017	Last EDR Contact: 08/07/2017
Number of Days to Update: 45	Next Scheduled EDR Contact: 11/20/2017
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 07/26/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/08/2017
	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: 12/28/2016	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 12/28/2016	Telephone: 202-366-4555
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/21/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Annually

SPILLS: Spills Information Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/16/2017
Date Data Arrived at EDR: 05/18/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 08/17/2017
Next Scheduled EDR Contact: 11/27/2017
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

Date of Government Version: 09/13/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 10

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/25/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/12/2017
Next Scheduled EDR Contact: 10/23/2017
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/14/2017
Next Scheduled EDR Contact: 10/23/2017
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 11/27/2017
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: 05/10/2017
Date Data Arrived at EDR: 05/17/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 121

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2017
Next Scheduled EDR Contact: 11/20/2017
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: 08/24/2017
Next Scheduled EDR Contact: 11/20/2017
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012
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: 09/22/2017
Next Scheduled EDR Contact: 01/01/2018
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: 08/23/2017
Next Scheduled EDR Contact: 12/04/2017
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: 07/28/2017
Next Scheduled EDR Contact: 11/08/2017
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: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/09/2017	Telephone: 202-564-8600
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 07/24/2017
Number of Days to Update: 57	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 08/08/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/20/2017
	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: 01/20/2016	Source: EPA
Date Data Arrived at EDR: 04/28/2016	Telephone: 202-566-0500
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 04/10/2017
Number of Days to Update: 127	Next Scheduled EDR Contact: 07/24/2017
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/28/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/23/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 08/01/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/20/2017
	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	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/03/2017
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/18/2017
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 09/08/2017
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/18/2017
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 07/28/2017
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/04/2017
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/05/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 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: 08/01/2017
Next Scheduled EDR Contact: 11/13/2017
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: 09/30/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/11/2017
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/23/2017
	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: 12/23/2016	Source: Department of Energy
Date Data Arrived at EDR: 12/27/2016	Telephone: 202-586-3559
Date Made Active in Reports: 02/17/2017	Last EDR Contact: 08/03/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/20/2017
	Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 08/22/2017
Number of Days to Update: 146	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/09/2017	Telephone: 703-603-8787
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/08/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 38

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/30/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 09/01/2017
Next Scheduled EDR Contact: 12/11/2017
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: 09/01/2017
Next Scheduled EDR Contact: 12/11/2017
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/14/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 21

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/25/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 07/23/2017	Source: EPA
Date Data Arrived at EDR: 09/06/2017	Telephone: (212) 637-3000
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 07/17/2017
Number of Days to Update: 67	Next Scheduled EDR Contact: 10/30/2017
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/19/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2017	Telephone: 202-564-2280
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 12/18/2017
	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: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/21/2017
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/11/2017
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/17/2017	Source: EPA
Date Data Arrived at EDR: 08/17/2017	Telephone: 800-385-6164
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 08/17/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 11/09/2016	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 11/18/2016	Telephone: 518-402-8452
Date Made Active in Reports: 01/04/2017	Last EDR Contact: 07/24/2017
Number of Days to Update: 47	Next Scheduled EDR Contact: 11/08/2017
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 01/04/2017
Date Data Arrived at EDR: 01/10/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 31

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Varies

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 10/27/2016
Date Data Arrived at EDR: 01/10/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 31

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/25/2017
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: 08/22/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 1

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 09/18/2017
Next Scheduled EDR Contact: 01/01/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/03/2017
Date Data Arrived at EDR: 01/04/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/15/2018
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: 09/08/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

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

Date of Government Version: 01/30/2017
Date Data Arrived at EDR: 02/01/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/03/2017
Next Scheduled EDR Contact: 11/13/2017
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: 01/30/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 02/22/2017
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 07/24/2017
Next Scheduled EDR Contact: 11/08/2017
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 12/08/2016
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 67

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 09/08/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 06/26/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 35

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 07/31/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 06/26/2017	Source: Cortland County Health Department
Date Data Arrived at EDR: 08/18/2017	Telephone: 607-753-5035
Date Made Active in Reports: 09/22/2017	Last EDR Contact: 07/31/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/13/2017
	Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017	Source: Nassau County Health Department
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-571-3314
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 09/25/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/13/2017
	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: 07/31/2017
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/13/2017
	Data Release Frequency: Varies

Registered Tank Database in Nassau County

A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017	Source: Nassau County Department of Health
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-227-9691
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 09/25/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/13/2017
	Data Release Frequency: Varies

Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017	Source: Nassau County Health Department
Date Data Arrived at EDR: 01/11/2017	Telephone: 516-571-3314
Date Made Active in Reports: 02/15/2017	Last EDR Contact: 09/25/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/13/2017
	Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011	Source: Nassau County Office of the Fire Marshal
Date Data Arrived at EDR: 02/23/2011	Telephone: 516-572-1000
Date Made Active in Reports: 03/29/2011	Last EDR Contact: 07/31/2017
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/13/2017
	Data Release Frequency: Varies

ROCKLAND COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/31/2017
Next Scheduled EDR Contact: 12/18/2017
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 08/31/2017
Next Scheduled EDR Contact: 12/18/2017
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: 09/08/2017
Next Scheduled EDR Contact: 11/13/2017
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: 09/08/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 07/03/2017
Date Data Arrived at EDR: 08/15/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 38

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/31/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 07/03/2017
Date Data Arrived at EDR: 08/15/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 38

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 07/31/2017
Next Scheduled EDR Contact: 11/13/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/18/2017
Next Scheduled EDR Contact: 11/27/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/05/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/17/2017
Next Scheduled EDR Contact: 10/30/2017
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: 08/21/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 05/12/2017
Date Data Arrived at EDR: 05/23/2017
Date Made Active in Reports: 08/16/2017
Number of Days to Update: 85

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/17/2017
Next Scheduled EDR Contact: 10/30/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/11/2017
Next Scheduled EDR Contact: 12/25/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Daycare Centers: Day Care Providers

Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation
Telephone: 518-402-8961

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

82 WILLIS AVE
82 WILLIS AVE
BRONX, NY 10454

TARGET PROPERTY COORDINATES

Latitude (North):	40.804656 - 40° 48' 16.76"
Longitude (West):	73.924807 - 73° 55' 29.31"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	590695.1
UTM Y (Meters):	4517417.0
Elevation:	26 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).

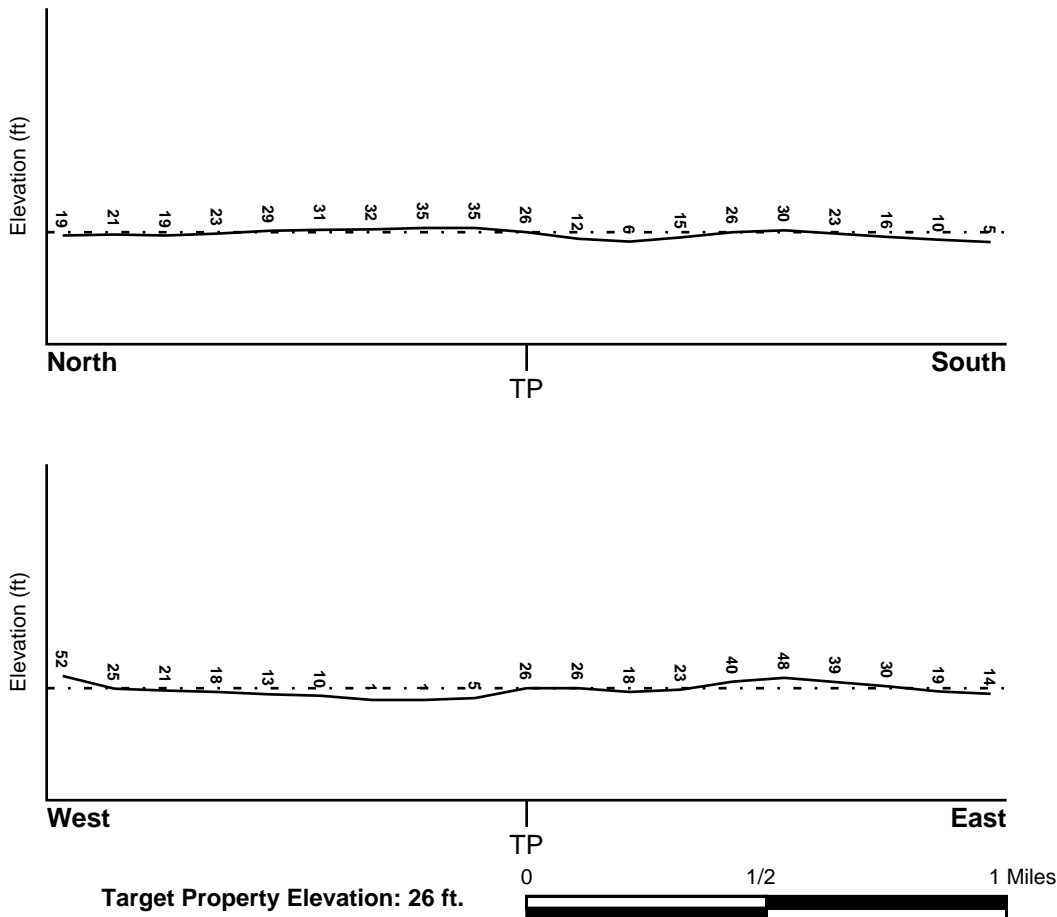
TOPOGRAPHIC INFORMATION

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 SW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
3604970091F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
3604970083F	FEMA FIRM Flood data
3604970079F	FEMA FIRM Flood data
3604970087F	FEMA FIRM Flood data
3604970092F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
CENTRAL PARK	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Ordovician
Series: Middle Ordovician (Mohawkian)
Code: O2 (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000833387	1/4 - 1/2 Mile NW
2	USGS40000833253	1/4 - 1/2 Mile ESE
3	USGS40000833473	1/4 - 1/2 Mile NW
4	USGS40000833375	1/4 - 1/2 Mile WNW
5	USGS40000833522	1/4 - 1/2 Mile NNW
6	USGS40000833342	1/2 - 1 Mile West
7	USGS40000833209	1/2 - 1 Mile ESE
8	USGS40000833194	1/2 - 1 Mile ESE
9	USGS40000833374	1/2 - 1 Mile East
10	USGS40000833656	1/2 - 1 Mile NNE
11	USGS40000833622	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

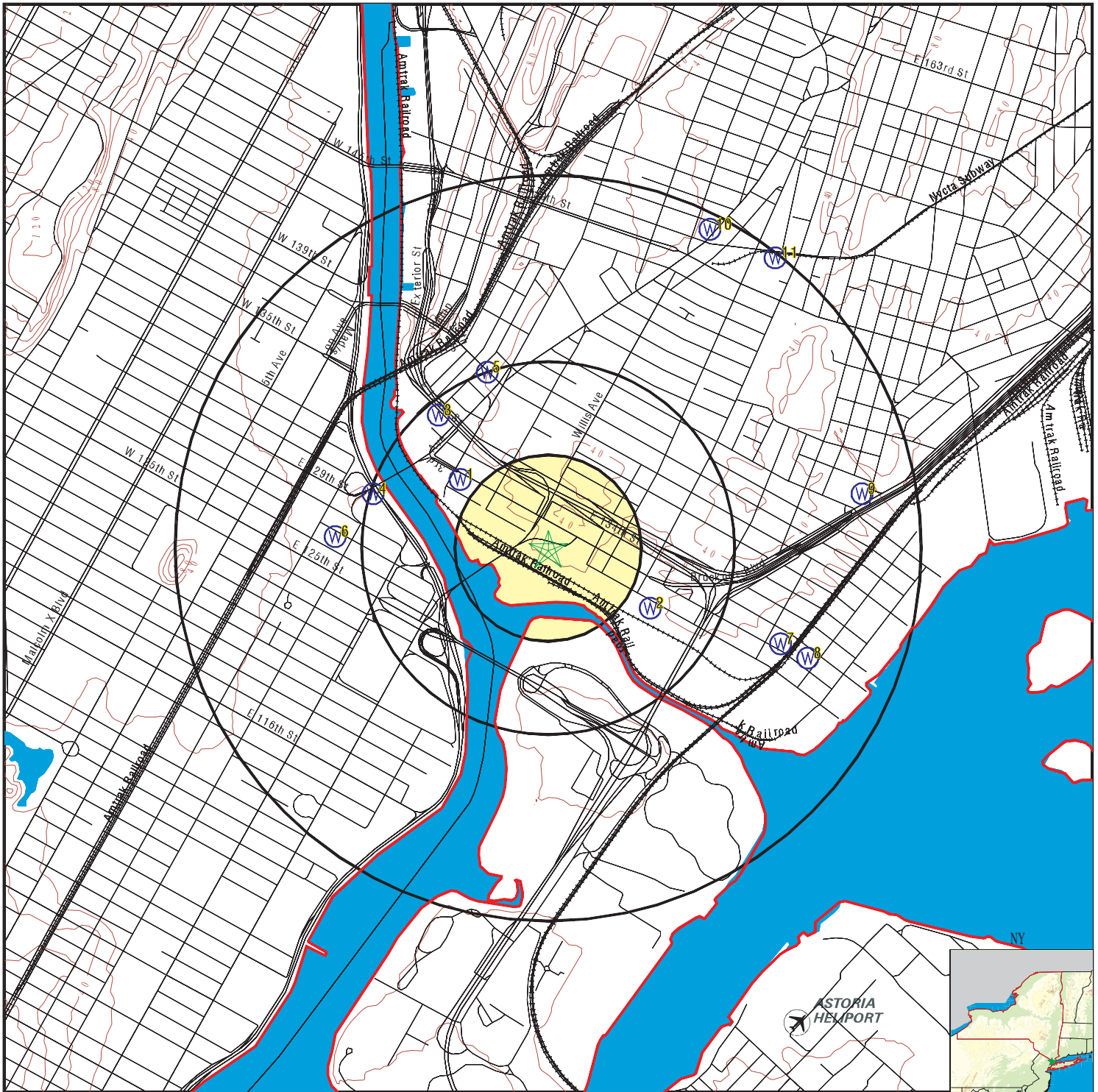
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

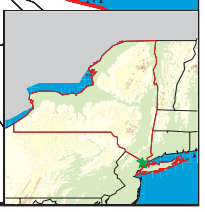
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 5072750.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- 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



<p>SITE NAME: 82 Willis Ave ADDRESS: 82 Willis Ave Bronx NY 10454 LAT/LONG: 40.804656 / 73.924807</p>	<p>CLIENT: GZA GeoEnvironmental, Inc. CONTACT: Casey McGuffey INQUIRY #: 5072750.2s DATE: October 10, 2017 12:37 pm</p>
--	--

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NW
1/4 - 1/2 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

2
ESE
1/4 - 1/2 Mile
Lower

FED USGS USGS40000833253

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404808073551201		
Monloc name:	B 36		
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:	40.8023232
Longitude:	-73.9195814	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		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	452
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	ft		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

3
NW
1/4 - 1/2 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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	49
Welldepth units:	ft	Wellholeddepth:	Not Reported
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel

1951-10-22	8	

4
WNW
1/4 - 1/2 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

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:	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 units:	ft	Welldepth:	106
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 0

5
NNW
1/4 - 1/2 Mile
Lower

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 units:	ft	Welldepth:	225
Wellholedepth units:	Not Reported	Wellholedepth:	Not Reported

Ground-water levels, Number of Measurements: 0

6
West
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

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:	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		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	30
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

7
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40000833209

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404803073544801		
Monloc name:	B 40		
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:	40.8009343
Longitude:	-73.9129145	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:	900
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

8
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40000833194

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404801073544301		
Monloc name:	B 28		
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:	40.8003788
Longitude:	-73.9115256	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:	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:	250
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

9
East
1/2 - 1 Mile
Higher

FED USGS USGS40000833374

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-404824073543301		
Monloc name:	B 61		
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:	40.8067676
Longitude:	-73.9087477	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:	42
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:	33
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

10
NNE
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

**11
NE
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	Wellholedepth:	Not Reported
Wellholedepth units:	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 was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands

Source: Department of Environmental Conservation

Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells

Source: New York Department of Health

Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database

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 E - User Questionnaire

USER QUESTIONNAIRE

Site Name: 82 Willis

Title and Signature of Person Completing Questionnaire

J Fey Manager

DATE: 11/6/17

The following are a series of questions from ASTM 1527-13 that must be answered in order to qualify for Landowner Liability Protection under CERCLA. Please provide an answer to each question or attach pertinent information.

- (1) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law?

No Yes (Describe or attach information as Attachment No. ___)

- (2) Are you aware of any Activity and Use Limitations (AULs), such as engineering controls (e.g., engineered caps, foundations, liners, treatment methods, etc. in use to prevent contamination from migrating to surrounding areas), land use restrictions or institutional controls (e.g., administrative measures restricting groundwater use, construction, or property use) that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

No Yes (Describe or attach information as Attachment No. ___)

- (3) Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No Yes (Describe or attach information as Attachment No. ___)

USER QUESTIONNAIRE

(4) Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

No Yes (Describe or attach information as Attachment No. ___)

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property*?

No Yes (Describe or attach information as Attachment No. ___)

(5) Are you aware of commonly known or reasonable ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as User,

(5a) ~~Do~~ you know the past uses of the property?

No Yes (Describe or attach information as Attachment No. ___)

(5b) ~~Do~~ you know of specific chemicals that are present or once were present at the property?

No Yes (Describe or attach information as Attachment No. ___)

(5c) ~~Do~~ you know of spills or other chemical releases that have taken place at the property?

No Yes (Describe or attach information as Attachment No. ___)

(5d) ~~Do~~ you know of any environmental cleanups that have taken place at the property?

No Yes (Describe or attach information as Attachment No. ___)

USER QUESTIONNAIRE

(6) As the User of the ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?

No Yes (Describe or attach information as Attachment No. ___)

(7) ASTM identifies certain documents as "Helpful Documents" for the understanding of environmental conditions at the Site. Are you aware of any of the following documents; and if so, can they be made available?

- | | |
|---|---|
| <i>Prior Environmental Assessments</i> | <i>Risk Assessments</i> |
| <i>Compliance Reports</i> | <i>Hazardous Waste Generation Notices</i> |
| <i>Environmental Permits</i> | <i>Notices from Environmental Agencies</i> |
| <i>Tank Registrations</i> | <i>Underground Injection System Registrations</i> |
| <i>Material Safety Data Sheets (MSDS)</i> | <i>Community Right to Know Plans</i> |
| <i>Safety or Spill Protection Plans</i> | <i>Hydrogeologic or Geotechnical Reports</i> |

No Yes (Describe or attach information as Attachment No. ___)

(8) Do you know who the past owners of the property are and can you provide contact information?

No Yes (Describe or attach information as Attachment No. ___)

(9) Do you have a complete site plan of the property that shows property boundaries and can you make it available?

No Yes (Describe or attach information as Attachment No. ___)



Appendix F - Qualifications Of Environmental Professional



David M. Winslow, Ph.D., P.G.

Principal

Summary of Experience

Dr. Winslow is a geologist with professional experience in bedrock, soil and groundwater investigation and remedial design. He leads GZA's Green Remediation Initiative and has presented papers on the topic at national symposiums. Dr. Winslow has also conducted, managed and implemented QA/QC practices at hundreds of Phase I and Phase II Environmental Site Assessments/Investigations. He has extensive experience in the management of on-call and term contracts for public agencies. In addition, Dr. Winslow has experience managing environmental compliance and permitting tasks associated with building and infrastructure design and construction projects, including hazardous material surveys, spill prevention and spill response. As District Office Manager of GZA's Northern New Jersey office since 2011, Dr. Winslow is responsible for the office's profit and loss, staff management, client development, and technical direction.

Relevant Project Experience

PUBLIC PROJECTS

Principal-in-Charge, NJSDA, Demarest School Flood Vulnerability Study and Environmental Site Closure, Hoboken, New Jersey. Conducted feasibility study prior to New Jersey Schools Development Authority's commitment to renovate existing educational spaces at the school; particular focus on FEMA floodplain designations and the impact on proposed site development. GZA also prepared an Environmental Screening Report and Preliminary Assessment.

Principal-in-Charge, NJSDA, Orange High School Addition and Renovation, Orange, New Jersey. As subcontractor to architect conducting interior and exterior renovations of existing school, construction of 50,000 gross square foot addition, and pedestrian bridge, GZA provided both environmental and geotechnical engineering services. Environmental services included pre-design Site Investigation, hazardous materials services, Environmental Screening Report, and an Executive Order 215 Report. GZA expedited project and saved costs by coordinating drilling required for geotechnical and environmental tasks. Subsequently, GZA was hired directly by the NJSDA to provide LSRP services and issue RAOs for four AOCs.

Principal-in-Charge, North Jersey District Water Supply Commission, Wanaque, New Jersey. GZA is providing LSRP, wetlands, and permitting services at the NJDWSC Shooting Range site in the protected New Jersey Highlands. In use as a shooting range since 1966, there has been no recovery of projectiles from the site. GZA is conducting a full site characterization to determine the extent of the contamination, detected previously by other consultants, at and adjacent to the Range, including sampling and analysis of metals in the soil, groundwater, surface water and sediments at the Range and the adjacent site. To date GZA has performed a Preliminary Assessment, initial Receptor Evaluation, field sampling and sieve analysis, permitting, surface water and sediment sampling, and groundwater investigation. GZA will also develop a bid specification package for the remediation of the site and adjacent areas and monitor remediation through final closure of the site with the New Jersey Department of Environmental Protection (NJDEP) under the LSRP program.

Education

Ph.D., 1995, Geological Sciences, Lehigh University

M.S., 1991, Geological Sciences, Virginia Polytechnic Institute & State University

B.S., 1989, Geology, State University of New York

Registrations & Certificates

Professional Geologist,
New York State #136, New Hampshire #
677

NJ DHSS - Indoor Environmental
Consultant/IEHA, #392

Areas of Specialization

- Environmental Site Investigation
- Site Remediation Design
- Site Remediation
- Hydrogeologic Testing
- Hazardous Materials Surveys



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Principal-in-Charge, Bergen Community College, Paramus, New Jersey. Overseeing task-order contract in which GZA is providing environmental health and safety compliance services including an audit; employee training; stormwater compliance; chemical compliance; and radon sampling for a children's day-care center.

Principal-in-Charge, PANYNJ On-Call Asbestos Material and Lead Paint Consulting Services Contract, various locations in New York and New Jersey. GZA is responsible for numerous, on-going projects involving investigation and remediation at operating ports, airports, and river crossings in the NY metropolitan area, addressing lead and asbestos issues.

Principal-in-Charge, PANYNJ On-Call Environmental Engineering Contract, various locations in New York and New Jersey. Designed and managed site assessments, site investigations and remedial design/implementation at PANYNJ facilities in New York and New Jersey such as a Phase I ESA on a 40 acre portion of Port Elizabeth, UST removals at JFK Airport and Newark Airport, and remedial investigations and remedial design specifications at LaGuardia Airport.

Principal-in-Charge, General Service Administration (GSA)/Peter W. Rodino Federal Building Modernization, Newark, New Jersey. Responsible for GZA team providing asbestos consulting services for \$146 million modernization of largest federal building in New Jersey. Scope of work includes asbestos abatement design, including preparation of drawings and specifications; inspection services, and determining worker exposure to potential airborne asbestos and lead contamination. GZA also prepared a Building Engineering Report to evaluate the feasibility of re-using pumped groundwater, in an effort to increase the sustainability of the complex.

Consultant Reviewer, Township of Teaneck, NJ/Votee Park, Teaneck, New Jersey. Investigation of contaminated public park. Initially involved preparation of a Preliminary Assessment as prerequisite for NJ DEP Green Acres program funding for the installation of an AstroTurf soccer field. Team then conducted Site Investigation per NJDEP Historic Fill Guidance Document.

Principal-in-Charge, NJDEP Sandy-Blue Acres Program, Various Locations, New Jersey. Responsible for team performing pre-demolition environmental testing services (for asbestos-containing materials, lead-based paint, universal

wastes, and PCBs) at single-family private homes damaged by Superstorm Sandy in 2012, acquired by the state through FEMA/NJOEM grant programs, and slated for demolition. The rapidly-paced project involves approximately 300-500 homes throughout New Jersey.

Consultant Reviewer, Lead Risk Assessment Services, New York City Economic Development Corporation (NYCEDC) Build it Back Program, various locations, New York City. Lend expertise, as needed, and review work of team conducting Lead Risk Assessments, analyzing field data (including XRF, dust wipe, and soil data) and preparing reports as part of pre-construction services to support New York City's Build it Back (BiB) Program. The purpose of the BiB Program is to assist homeowners, landlords and tenants in the five boroughs whose primary residence was damaged by Superstorm Sandy in 2012. Completed over 400 reports on an accelerated schedule; work completed to the standards of multiple grant funding sources.

Senior Project Manager, New York City Department of Housing Preservation and Development, NYSDEC Brownfield Program, Bronx, New York. Managed the remedial investigations on 11 brownfield sites undergoing redevelopment as affordable housing, known as Melrose Commons. The remedial investigations consisted of geophysical surveys, test pit excavations, soil gas surveys, soil and groundwater sampling, and monitoring well installation and sampling. Eleven remedial investigation reports/qualitative risk assessments were completed at these properties in a three month period. This data was used to produce remedial alternative analysis for each of the 11 sites.

Principal-in-Charge, New York City School Construction Authority (NYC SCA) IEH Hazardous Materials Consulting Services Contract, New York, New York. Serves as the Principal-in-Charge and Program Manager for the NYSCA IEH Hazardous Materials Consulting Contract. Under this Contract, Dr. Winslow is responsible for client management, technical quality and financial success of work related to site assessments, site investigations and remedial design/implementation at existing and proposed New York City Schools throughout the five boroughs.

Principal-in-Charge, DASNY Environmental Contract, New York, New York. Oversaw environmental investigation, remedial design and remediation oversight projects at construction projects managed by the Dormitory Authority of the State of New York (DASNY) at New York City hospitals and educational facilities, including: a No. 6 fuel oil release



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investigation and remediation at Brooklyn College; UST upgrades and leak detection installation at Kingsborough Community College; site investigations, remedial design and remediation at Gouverneur Hospital; storm water sewer installation at Bronx Community College; and contaminated soil and dewatering management at Harlem Hospital. Responsible for coordination with DASNY Project Managers and overall quality assurance on DASNY projects.

Senior Project Manager, NYCDDC, Corridor Investigations, Five Boroughs. As part of the Environmental Term Contract with the New York City Department of Design and Construction (NYCDDC), designed and implemented subsurface investigations at areas targeted for infrastructure (storm water and sanitary sewers) improvement and installation. Designed and managed Corridor Assessments and Investigation to identify potential environmentally impacted soil and groundwater as part of the design-phase of the infrastructure project. The results of the investigations were incorporated into the design bid specifications. Helped develop the NYCDDC's approach toward Corridor Investigations within the City of New York as well as the NYCDDC's standard contaminated materials handling, transportation and disposal specification package. Dr. Winslow managed more than 20 Corridor Investigations on behalf of the NYCDDC.

Principal-in-Charge, Fort Washington Park EIS (with Stantec), New York, New York. As part of the NYC Environmental Quality Review (CEQR) Act, oversaw the hazardous materials assessment portion of the Environmental Impact Assessment for the 160-acre Fort Washington Park. This NYC Department of Parks and Recreation parkland is located adjacent to the east bank of the Hudson River on the far Upper West Side of Manhattan from 135th Street in the south to Spuyten Duyvil in the north. Evaluated the potential for contaminated materials in the soil, groundwater or building materials to be disturbed during reconstruction and excavation activities. The preliminary contaminated materials assessment identified 73 potential sources of contamination and recommended additional investigations at 14 of these areas. Designed and oversaw the subsurface investigations to assess the potential sources of contamination in areas associated with proposed construction. The contamination was found to be consistent with urban fill; a combination of existing vegetative caps and proposed impervious caps were recommended as the remedial strategy.

Principal-in-Charge, Soundview Park (with MKW

Architects), Bronx, New York. Responsible for the subsurface investigation of the areas of park that would be impacted by a proposed bicycle and pedestrian greenway path, connecting inland areas to the Greenway Path Project along the Bronx River's edge. Previous environmental assessments and investigations within Soundview Park, which is built on a former landfill, indicated the presence of contaminated soils and buried wastes. Dr. Winslow designed and oversaw the investigation of shallow soils that would be impacted by the project, evaluating composite soils samples for assessment of health and safety concerns for workers, the community and for disposal purposes during construction. Discreet interval shallow soil samples were collected to evaluate impacts to public health associated with soils to remain in place. As part of the investigation, the suitability of the existing vegetative cover was evaluated as a potential soil cap. Soils contamination was found to be consistent with urban fill and construction and demolition material. Recommendations were provided concerning handling, management, disposal, and capping of this material during construction.

Principal-in-Charge, NYCSCA- PS-312 (with Leon d DeMatteis Construction Corp.), Queens, New York. Managed construction support services related to soil management and community air monitoring associated with the construction of a New York City school complex and associated utility corridors on a high-profile NYSDEC Brownfield Site. The site had a long industrial history, was contaminated with petroleum products and historic fill, and the redevelopment was being closely scrutinized by the community and NYSDEC. GZA prepared Excavated Material Disposal Plans, reviewed potential disposal facilities, conducted waste characterization soil sampling, prepared a Community Air Monitoring Plan, and conducted community air monitoring using three stations that continuously monitored volatile organic compounds and particulates.

Principal-in-Charge, NYCSCA- Metropolitan High School (with Leon d DeMatteis Construction Corp.), New York, New York. Managed construction support services related to soil management and community air monitoring associated with the construction of a New York City school complex and associated utility corridors. The site was a former Inactive Hazardous Waste Site contaminated with chlorinated solvents and historic fill. GZA prepared Excavated Material Disposal Plans, reviewed potential disposal facilities, conducted waste characterization soil sampling, prepared a Community Air Monitoring Plan, and conducted community



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air monitoring using three stations that continuously monitored volatile organic compounds and particulates.

Senior Project Manager, NYCDEP- Catskill Delaware Ultra Violet Light Disinfection Facility Site Preparation Contract (Granite Halmar). As part of one of the largest Water Treatment construction projects in the country, Dr. Winslow managed the environmental and compliance portions of the project for the contractor. The project involved the excavation of a shaft to a depth of 90 feet below ground surface in order to access the Catskill Aqueduct. GZA's services included preparation and implementation of an In-Situ Soil Sampling and Analysis Plan, preparation of an Excavation, Transportation and Disposal Plan, preparation of a Storm Water Pollution Prevention Plan and Erosion Control Plan, and preparation of a Construction Waste Management Plan.

Senior Project Manager, The General Consulate of the People's Republic of China, New York, New York.

Performed a review of past investigations and remediation conducted by the NYSDEC in relation to a No. 6 Fuel Oil Release at the site of the Chinese Consulate; determined that previous remedial efforts had reached a point of diminishing returns. Designed an investigation to determine if any additional source of product remained beneath the slab of the building; based on results, prepared a Site Investigation Report and Exposure Assessment for submittal to the NYSDEC. The report recommended that all remedial efforts be suspended and the site be monitored for one year to assess product rebound. If product levels remained similar, GZA would recommend no further action. The NYSDEC accepted the proposal.

Senior Project Manager, United States Postal Service, Farley Building, New York, New York. Assisted in a hazardous materials survey and soil characterization project associated with the proposed redevelopment of the Farley Building as the new Pennsylvania Station. The survey consisted of multiple reconnaissances of the portions of Amtrak located below the Farley Building which would be impacted by proposed renovations. The survey identified PCB bearing equipment, mercury bearing equipment, asbestos containing materials, lead-based paint, miscellaneous chemicals and petroleum products, as well as non-hazardous-materials-contaminated soils. The information was utilized to prepare demolition specifications and a soil management plan.

Project Geologist, NYSDEC, Region I and II, various

locations throughout New York State. Supervised construction and operation of several groundwater remediation systems at petroleum-contaminated gasoline service stations. These remediation systems included technologies such as pump and treat, air sparging, vapor extraction, vacuum enhanced recovery, and bioremediation using the injection of proprietary bacteria and nutrient solutions. Conducted and assessed remedial selection investigations including slug tests, pump tests, sparge tests, vapor extraction tests and enhanced fluid recovery tests.

BROWNFIELDS EXPERIENCE

Principal-in-Charge, National Resources Brownfield Development, Edgewater, New Jersey. Provided environmental consulting services during the purchase and redevelopment of a brownfield site contaminated with coal tar and arsenic. The site was the former location of Unilever, Inc.'s research and development facility and had housed industrial operations since 1910. It was found to be contaminated with tar, deposited on site by an adjacent roofing tar manufacturer. Designed and implemented a Phase I ESA, prepared a site conceptual model, and developed a remedial cost estimate in order to secure cost cap insurance and financing. Following the real estate transaction, GZA completed remediation of the site under NJ's Industrial Site Recovery Act (ISRA). Prepared and submitted a Remedial Investigation and Interim Remedial Measures Plan for review by the NJDEP.

The site was found to be impacted by coal tar derived roofing tar and fill material containing significantly elevated concentrations of arsenic. The main chemicals of concern were benzene and arsenic. Arsenic in soils was detected at concentrations as great as 30,000 ppm and 20,000 ppb in groundwater.

GZA negotiated site-specific cleanup standards for arsenic and for pitch material. Pitch material remediation was limited to soft fractions of pitch that were impacting groundwater. The arsenic standard of 600 ppm was derived imperially by comparing soil concentrations to groundwater. The approved remedial strategy consisted of institutional and engineered controls to limit exposure to contaminants, excavation and off-site removal of arsenic-impacted soils greater than 600 ppm, in-situ solidification and stabilization of pitch impacting groundwater, installation of a groundwater barrier wall to protect the Hudson River, and stabilization of a rip rap embankment to prevent pitch accumulation on the shore line.



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Principal-in-Charge, Bay Park Brownfield Redevelopment, Coney Island, New York. Providing environmental services during rehabilitation and expansion of 1970s-era mixed use complex, which covers an area equivalent to three city blocks. GZA facilitated the Brownfield Cleanup Program (BCP) applications for two adjacent parcels within the complex: the first for an existing retail space formerly occupied by a dry cleaner; the second application is for an adjacent "historic" dry cleaner lot that had been razed as part of urban renewal in the 1960s. Previous site investigations had documented the presence of tetrachlorethene (PCE) in soil gas; GZA's Remedial Investigation Work Plan (RIWP) outlined work required to delineate the vertical and horizontal extent of the impacted soils, soil vapor and groundwater at both BCP sites. A Remedial Action Work Plan was developed to address contaminated media. A subslab depressurization system was designed to protect residential and retail tenants, in conjunction with source area treatments.

Senior Project Manager, City of Schenectady, Brownfield Pilot Assessment Program, Schenectady, New York. Dr. Winslow prepared a proposal to perform Brownfield Assessment Services for the City of Schenectady. The work was awarded in May 2000. The services were as follows: create a forum for the expanded and interactive community involvement in the Brownfield initiative; review existing planning information, community needs, and private interests for the site; review ownership and site use histories to identify potential environmental concerns; secure all necessary permits and file appropriate applications; determine all sources of alternative funding and apply for grants; and conduct environmental investigations and create remedial action plans.

Senior Project Manager, New York City Department Housing Preservation and Development, NYSDEC Brownfield Program, New York, New York. Dr. Winslow managed the remedial investigations on eleven brownfield sites undergoing redevelopment as affordable housing. The remedial investigations consisted of geophysical surveys, test pit excavations, soil gas surveys, soil and groundwater sampling, and monitoring well installation and sampling. Eleven remedial investigation reports/qualitative risk assessments were completed at these properties in a three month period. This data was used to produce remedial alternative analysis for each of the eleven sites.

Principal-in-Charge, Silver Star Mercedes Brownfield Redevelopment, LIC, New York. Member of design team for

the redevelopment of a former automobile services station/car dealership. Six-story building will house a Mercedes dealership, parking and affordable housing. Dr. Winslow consulted with the owner and design team regarding the (E) Designation and the feasibility of enrolling the Site in either the NYSDEC or the NYCOER Brownfield Program. Based upon the results of the Site Investigation the site was enrolled in the NYCOER Brownfield Program. A Remedial Action Plan was submitted to the NYCOER to remove impacted soils and install a vapor barrier liner.

Senior Project Manager, Meridian Development Partners, LLC, Former Ideal Forging, Southington, Connecticut. Designed and managed the investigation, conceptual remedial approach, and remedial cost estimate for a former forging plant, adjacent to a municipal drinking water well, to be redeveloped as a mixed-use residential and retail complex. The site's soil and groundwater were impacted by fuel oil and cutting oil releases. In addition, a portion of the site was located within the floodplain and a large retention basin was required in order to develop the site. Due to the large amount of earthwork required to accommodate civil engineering designs, the site civil construction and the remedial construction were combined to eliminate issues related to handling contaminated material. The remedial approach consisted of a combination of excavation, on-site treatment of soils, placing contaminated soils under building pads and roads to render them inaccessible, using treated soils as asphalt road-base, constructing a retaining wall that would also act as a barrier to free product migration, capping, installation of sub-slab depressurization systems beneath new buildings, and monitored natural attenuation. Assisted client with presentations to the planning board and wetlands commission.

Senior Project Manager, Nine Mall Investors, LLC – Nine Mall Plaza – Dry Cleaner, Wappingers Falls, New York. Designed and managed the investigation and remediation of tetrachloroethylene-impacted soils and groundwater associated with a dry cleaner. Performed due diligence investigations, prepared a NYSDEC Brownfield Cleanup Program (BCP) application, and aided the developer in successfully completing the BCP application process. Following some additional assessment, negotiated with the NYSDEC to submit a Remedial Investigation Report/Remedial Action Plan, thereby saving time and money associated with preparation and public comment related to a remedial investigation work plan. In addition, a remedial approach of enhanced bioremediation was proposed to complete the



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remedial actions already undertaken at the site, realizing further cost savings for client.

Senior Project Manager, National Resources, Brownfields, Various Locations Nationwide. As Client Manager, assisted the development team in assessment, investigation and remediation planning at several Brownfield properties throughout the United States. Projects included due diligence services, document reviews, conceptual remedial plans and cost estimates for properties formerly operated as Manufactured Gas Plant Sites, Unilever Cosmetics and Edible Oils plant, IBM's Fishkill West Campus, former pharmaceutical sites, and former dry cleaning sites. Designed and implemented Site Investigations, Site Assessments, and remediation projects. Oversaw the design, operation, monitoring, and maintenance of a total fluids and air sparging remediation system targeted to remediate a chlorinated solvent plume at the former Smith Industry property in Grand Rapids, Michigan.

Senior Project Manager, Meridian Development Partners, LLC, Brownfields, North Carolina. Provided environmental consulting services during a proposed property transaction of a former electronics manufacturing site utilized by Channel Master to produce satellite dishes. GZA's services consisted of reviewing previous environmental reports, conducting a Phase II Environmental Site Investigation, conducting a Supplemental Phase II Environmental Site Investigation, and preparing remedial cost estimates to be used by the client during contract negotiation.

During the course of the document review it became apparent that the site had been impacted by releases of chlorinated solvents. While previous consultants had indicated that the release had resulted in minor impacts to soil and groundwater, review of available documents and local hydrogeologic conditions indicated that borings had not been properly located. Therefore, GZA recommended a Phase II Site Investigation.

The results of the investigation indicated that chlorinated solvent-impacted soil and groundwater were present in the vicinity of a former spill containment UST associated with a flammable liquids storage area. The solvents had impacted both the overburden and bedrock water bearing units. The initial investigation indicated that the contamination was not migrating off-site; however, the vertical and horizontal extent of contamination was unknown.

Dr. Winslow designed a rapid turnaround and cost effective

study to assess the vertical and horizontal extent of contamination within the timeframe of the due diligence period in order to apply cost certainty to estimated remediation figures. GZA mobilized a Geoprobe direct push drill rig, field instruments, and an air rotary drill rig to complete the investigation within a two week period. The results of the investigation indicated that the bedrock water bearing unit had only minor impacts and the horizontal extent of the overburden contamination was limited to the area around the former spill containment UST. With this knowledge Dr. Winslow was able to design a conceptual approach to remediation and apply realistic cost estimates in order for the Client to make an informed decision regarding purchase of the brownfield site.

Project Manager, National Autoparts Retailer, Brooklyn, New York. Designed and oversaw the remediation of gasoline impacted soil and groundwater during redevelopment of site that was entered into the NYSDEC Voluntary Cleanup Program. The remediation consisted of the removal of eight 550-gallon gasoline USTs, the excavation of 2,200 tons of petroleum impacted soils, performance of high vacuum dual phase extraction, and the injection of Oxygen Release Compound (ORC) to accelerate attenuation following source area treatment. The remedial efforts resulted in a decrease of dissolved-phase contamination and expected closure of the case with the NYSDEC.

TRANSPORTATION / INFRASTRUCTURE

Lead Scientist/Environmental, Tappan Zee Bridge Replacement, Tarrytown and South Nyack, New York. As a specialty subcontractor to the lead bridge designer, HDR, providing environmental consulting services related to demolition of existing three-mile-long span and construction of new Hudson River crossing. Environmental services include preparation of environmental compliance plans; soil and groundwater characterization for disposal; pre-demolition hazardous materials investigation; hazardous materials abatement design and oversight; remedial action plans; and underground storage tank (UST) removal oversight.

Principal-in-Charge, Beacon Station Transit Oriented Development (with AECOM), Beacon, New York. Designed and oversaw the environmental assessment, site investigations and conceptual remedial approach in support of the proposed Transit Oriented Development (TOD) at Metro-North Railroad's (MNR) Beacon Station. MNR was preparing a preliminary design for a TOD for inclusion in a request for proposals to developers. Dr. Winslow designed a



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Site Assessment program to identify and quantify the environmental liabilities associated with the development. The study included compilation of existing environmental data on five parcels (including a coal tar impacted parcel), a Phase I Environmental Site Assessment on five parcels, a Site Investigation to evaluate data gaps, preparation of a conceptual remedial approach, and preparation of remedial cost estimates. The information was designed to be used in the RFP process to reduce uncertainties in the development proposal process.

Senior Project Manager, NJTA - TransHudson Express Tunnel-Manhattan Segments (Judlau-Halcrow Joint Venture), Civil Construction Support Services, New York, New York. As part of the design-build project for the Manhattan Tunnels Project, designed and oversaw the soil and rock characterization of the soils and rock within the shaft and starter tunnels at 29th Street and 12th Avenue. The project involved the excavation of a shaft to a depth of 130 feet below ground surface in order to allow access by the tunnel boring machine. GZA's services included preparation of an In-Situ Soil Sampling and Analysis Plan, a Field Sampling Plan, collection of 190 composite soils samples representing 500 cubic yard cells at five foot lifts, preparation of a field summary report, and recommendations to the contractor on materials disposal.

INDUSTRIAL / COMMERCIAL

Principal-in-Charge, Steel Craft, Newark, New Jersey. Designed and conducted a pilot test to evaluate the feasibility of soil vapor extraction (SVE) to remediate unsaturated soils impacted with chlorinated volatile organic compounds (cVOCs) using horizontal well network. Airflow in the treatment zone is subject to induced pressure gradient, driving contaminant mass toward a vacuum recovery system.

Principal-in-Charge, Chrysler Corporation, various sites in New Jersey and New York. As part of a long-standing environmental consulting contract, provide a range of services, often conducted in support of dealership expansion or property transactions, including compliance activities, site assessment and hazardous materials building services, as well as storage tank management and remediation.

Principal-in-Charge, Preferred Freezer-Bayway, Elizabeth, New Jersey. GZA has provided varied services at this 20-acre brownfield/portfield site including Phase I ESA, Brownfield Designation services, site/civil work, a redevelopment plan, extensive permitting with numerous entities, geotechnical

investigation and review, wetlands survey, a pre-demolition asbestos-containing material survey and hazardous waste inventory, and UST removal. After project owner opted into NJDEP LSRP program, GZA's LSRP obtained soil remediation permit and Restricted RAO for site. Groundwater monitoring is ongoing with a CEA expected before 2014. At additional Preferred Freezer sites in Bayonne, Jersey City and Newark, GZA is also responsible for annual inspection and biennial certification of Deed Notices.

Principal-in-Charge, Kelley Drye & Warren, LLC/Historic Residence, Peapack-Gladstone New Jersey. In support of a real estate transaction, designed and managed the closure of a 1,000-gallon gasoline tank and 550-gallon fuel oil tank located on a residential property estate. The tanks were located beneath a retaining wall supporting a slope and adjacent to a gas line; therefore they were closed in place.

Principal-in-Charge, New York Life Investment Management, Various Properties, New Jersey. Designed and managed a due diligence program for the client who was acquiring a portfolio of nine industrial/warehouse properties. Provided advice regarding environmental liability and risk associated with each property. Prepared remedial cost estimates and prepared a program to take several sites into New Jersey's LSRP program.

Principal-in-Charge, New Brunswick Properties, LLC, New Brunswick, New Jersey. Assisted a trucking company with the acquisition of a truck depot. A previously undetected UST was located and removed. Soils were found to be contaminated with historic fill and trichloroethene (TCE) above impact to groundwater standards. The site was entered into New Jersey's LSRP program and historic fill was addressed through capping and a deed notice; no CEA was required. A groundwater investigation found that the TCE had not impacted groundwater and no further action was necessary.

Senior Project Manager, U-Haul, Edison, New Jersey. Conducted a remedial investigation on a U-Haul site characterized by MTBE and gasoline-contaminated groundwater. The contamination was commingled with two other properties' contaminant plumes. Using natural attenuation modeling, demonstrated that U-Haul's component of the contamination had only migrated 90 feet downgradient and would attenuate with time. Designed, permitted and constructed a dual phase high vacuum extraction system, installed under budget, to remediate the source of contamination on the U-Haul property.

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Senior Project Manager, ConocoPhillips, various projects in New York and New Jersey. Prime contract under which GZA provided environmental consulting services for the operation and maintenance of remediation systems, groundwater monitoring and reporting, site investigation and remedial design service, as well as closure and upgrades of stations and fueling systems.

Senior Project Manager, Hertz Rent-A-Car, LaGuardia Airport, Queens, New York. Designed and implemented a Site Investigation to delineate the extent and magnitude of separate-phase product, petroleum vapors and dissolved-phase petroleum contamination/MTBE emanating from the current and former fueling operations at the Hertz facility. Following characterization, designed a cost-effective, receptor-based remediation system to mitigate separate-phase product and control petroleum vapors.

Senior Project Manager, U-Haul, Bronx, New York. Designed and implemented the remediation of a U-Haul Moving Center in the Kingsbridge section of the Bronx. The site formerly contained three separate fueling areas. Two of the fueling areas contained low levels of dissolved phase contamination; the NYSDEC closed these areas of concern based upon natural attenuation modeling and a risk based approach. The third area of fueling was characterized by free-phase product. The area of saturated soils was excavated and transported off-site for treatment. The excavation was then lined with oxygen release compound (ORC) prior to backfilling. ORC was then injected into dissolved contamination plume to promote biodegradation downgradient of the former tank pit. The leading edge of the plume was allowed to attenuate following source removal. The NYSDEC closed the case within one year of the commencement of remedial action and the project was completed under budget.

Senior Project Manager, U-Haul, Staten Island, New York. Conducted a Site Investigation at the U-Haul facility located on Bay Street in Staten Island, New York. The results of the Site Investigation indicated that soil and groundwater in the vicinity of the former UST area and fuel dispensers were contaminated with gasoline compounds. Conducted a Remedial Investigation and prepared a Remedial Action Plan for submittal to the NYSDEC. Due to fluctuations of seasonal water table elevations and a thick zone of adsorbed-phase contamination, a total fluid extraction system was recommended and installed to address dissolved phase and adsorbed phase contamination.

Senior Project Manager, Mystic Transportation Inc., Mount Vernon, New York. Designed and supervised the construction of a No. 4 fuel oil recovery system at a residential building where, due to an overfill, a 5,000-gallon AST had ruptured and spilled 6,600-gallons of fuel oil. Eight hundred gallons of fuel oil were released into the groundwater beneath the building and into the Bronx River. Following emergency response and cleanup of fuel oil in the basement of the building, a product recovery system and water treatment system were installed. Total fluids were recovered from each recovery trench and routed to an oil/water separator and carbon treatment system housed in the basement of the building. In addition, several sumps were impacted by the fuel oil release. The effluent water from these sumps was also routed to the treatment system prior to discharge to the municipal storm water system. Within approximately eight months, product levels had decreased to trace amounts in all but one well.

HEALTHCARE PROJECTS

Principal-in-Charge, Holy Name Hospital, Teaneck, New Jersey. Oversee asbestos management and lead-based paint evaluation services at a variety of buildings on the hospital campus.

Principal-in-Charge, St. Joseph's Hospital, Paterson, New Jersey. Completed various projects, including a lead and asbestos investigation to aid in the hospital's day care center license renewal and asbestos investigations at multiple vacant houses prior to their complete demolition as part of hospital expansion.

Senior Project Manager, New York Presbyterian Hospital, New York, New York. Conducted assessment of a PCB-bearing transformer to be removed as part of a construction project. The transformer was found to have leaked, resulting in impacts to the concrete pad and soils. Designed and oversaw a remediation program to remove the transformer, concrete pad and impacted soils. The case was closed with the NYSDEC.

Senior Project Manager, Memorial Sloan Kettering Cancer Center (with Granary Associates), New York. Designed and coordinated a pre-demolition laboratory and hazardous material survey. The survey included an evaluation and inventory of all hazardous chemicals, waste and biohazards associated with each laboratory. Once the hazard assessment was completed, a survey was designed to determine impacts from use of building materials in light of planned demolition



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activities. Areas such as storage cabinets, duct work, fume hoods, bench tops and plumbing were evaluated for presence of hazardous substances. In addition, a lead-based paint survey and a universal waste survey were conducted. Laboratory decontamination and hazardous material specifications were created and a contractor was selected. GZA personnel coordinated and oversaw the decommissioning and abatement.

POWER PROJECTS

Principal-in-Charge, TransCanada – Ravenswood Power Generating Station, L.I.C., New York. Designed and oversaw the spill response investigation following the discovery of a 25,000 gallon kerosene release from an underground fuel oil line connecting a gas turbine generator with the 6,000,000 gallon aboveground storage tank. Within one week of notification of the release, GZA was on-site conducting a subsurface investigation to delineate the vertical and horizontal extent of kerosene associated with the release. In addition, GZA installed several recovery sumps to initiate product recovery during the investigation period. Dr. Winslow developed a Conceptual Site Model (CSM) that was continuously revised and updated as data became available. The initial CSM projected that kerosene would migrate vertically to the water table and then flow west towards the East River. However, once investigative activities and data review commenced it became evident that anthropogenic features (old foundation elements and utility conduits) were complicating kerosene migration. In addition, shallow bedrock at the release area resulted in migration of kerosene to the north, south, and west from the release area. The investigation IRM was completed within three months of mobilization to the Site and included the installation of over 30 soil borings, 14 monitoring wells and four recovery sumps, and design of an interim product recovery system. Within the first four months of the release 5,000 gallons of kerosene were recovered. A product recovery system was designed and installed to continue product recovery past the emergency response stage. In a subsequent project at the site, oversaw team responsible for asbestos surveys and sampling of suspect materials throughout the power plant, including the 10-story boilers and roof.

Senior Project Manager, Enercon Inc. – Indian Point Energy Center, Buchanan, New York. Designed and implemented a site investigation to delineate and determine the source of tritium, strontium and cesium detected in groundwater as a result of a leak in spent fuel storage pool and process piping at

the Indian Point Nuclear Plant. The investigation consisted of a thorough review of construction drawings, historic hydrogeologic data and historic groundwater chemistry data to prepare a conceptual site model for the release. In order to verify the conceptual site model, GZA advanced 42 bedrock and overburden borings at the site to supplement the site's existing 18 groundwater monitoring wells. The borings were advanced using a combination of drive and wash techniques and rotary coring techniques. Rock cores were characterized for the presence of water bearing fractures as well as lithology. All bedrock borings were subject to downhole geophysical borehole logging consisting of acoustic televiewer, optical televiewer, temperature, conductivity, and heat pulse flow meter. Hydraulic conductivity was evaluated using a combination of extraction packer testing and sustain yield pump tests. Wells were completed using multilevel sampling systems resulting in 127 sample intervals. GZA then completed an organic dye tracer test to confirm contaminant flow paths and groundwater velocities. GZA was able to delineate the extent of horizontal and vertical groundwater contamination, determine the sources of the contamination and the post release flow paths. GZA then recommended a long term monitoring plan to be implemented at the site to assess long term plume reductions as well as monitor potential releases from other SSCs.

Senior Project Manager, Hudson High Voltage Direct Current (HVDC) Converter Station/Siemens AG, Ridgefield, New Jersey. Evaluated the impacts to construction associated with contaminated soils and groundwater at the site in order for Siemens to determine that the developer completed all necessary environmental remediation in accordance with NJDEP regulations prior to construction of the facility. The site is being developed as part of a transmission project intended to convert the power between New Jersey's Public Service Electric & Gas (PSEG) 230 kV grid and New York's Con Edison 345 kV grid.

Principal-in-Charge, SUEZ Energy Generation NA, LLC, Astoria, New York. Designed and managed an environmental investigation to characterize soils and groundwater as part of the pre-construction design phase of the Astoria Energy Phase II project. The proposed power plant was situated on a former major oil storage facility and was characterized by approximately 10 feet of historic fill material and petroleum contaminated soils and groundwater. The investigation consisted of collecting soils samples in a grid fashion in areas proposed for grubbing, excavation of structures and overhead and subsurface transmission lines in

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order to characterize soils for proper handling and disposal. In addition, groundwater samples were collected to evaluate the necessity for treatment of dewatering effluent. Then prepared a Site Investigation Report and a Construction Contaminant Management Plan to be used by the contractor for proper health and safety, handling, transportation and disposal of contaminated media. During construction, GZA conducted waste characterization soil sampling for disposal of contaminated material.

VAPOR INTRUSION

Principal-in-Charge, Bay Park Brownfield Redevelopment, Coney Island, New York. As part of brownfield redevelopment, GZA's Remedial Investigation Work Plan (RIWP) outlined work required to delineate the vertical and horizontal extent of the impacted soils, soil vapor and groundwater at both BCP sites. A Remedial Action Work Plan was developed to address contaminated media. A subslab depressurization system was designed to protect residential and retail tenants, in conjunction with source area treatments.

Principal-in-Charge, POKO Management, LLC, Brooklyn, New York. Provided environmental due diligence services during real estate transaction and renovation. The Phase I ESA identified a former dry cleaning operation at the site. Initial investigations found no soil contamination, however, groundwater downgradient of the dry cleaner was found to be impacted. Additional investigations found that groundwater was only marginally impacted, however, subslab soil gas PCE concentrations were as high as 11,000 ug/m³. GZA proposed a remedy consisting of a subslab depressurization system to address potential vapor intrusion and monitored natural attenuation to address the groundwater condition. Dr. Winslow prepared design specifications for construction of SSDS at the site.

Principal-in-Charge, i.park Edgewater, LLC, Edgewater, New Jersey. As part of this mixed use Brownfield development project, Dr. Winslow, conducted a Vapor Intrusion Study at the site which resulted in the requirement for all existing buildings and new construction to incorporate passive subslab depressurization systems with the ability to be converted to active systems. Designed systems for 10 separate buildings. In addition, developed a program to evaluate the effectiveness of each passive system to determine if active depressurization would be required. The program was accepted by the NJDEP.

NEW YORK CITY (E) DESIGNATED SITES

Principal-in-Charge, Highline Development Corp, West 29th Street, New York, New York. Managed CEQR (E) designated site requirements associated with the redevelopment of seven parcels with industrial histories for use as a hotel and residential building, all under a tight time schedule. Following NYCDEP's acceptance of the Site Investigation Work Plan, GZA advanced 32 soil borings, collected 64 soil samples, and installed 15 groundwater monitoring wells; a Site Investigation Report was submitted in combination with a Remedial Action Plan in order to save time for the client. The site was found to be contaminated with chlorinated solvents. GZA proposed a remedial action which coincided with the proposed redevelopment of the parcels. The remedial design consisted of excavation of soils to bedrock to accommodate the foundation design of the proposed building. Soil samples were collected in a grid across the site at multiple depths to further characterize VOC-contaminated soils, historic fill material and native soils, for disposal purposes. This identification of "cells" of soil that could be transported to different facilities resulted in significant cost savings to the client. In addition, GZA recommended a soil vapor barrier and post excavation groundwater monitoring. Both the NYCDEP and the NYSDEC approved the work plans.

Senior Project Manager, Horrigan Development Partners, North 9th Street, Williamsburg, New York. Managed CEQR (E) designated site requirements associated with the redevelopment of a former industrial building for reuse as a residential building. Following NYCDEP's acceptance of Site Investigation Work Plan, conducted a Site Investigation and submitted a Site Investigation Report combined with a Remedial Action Plan in order to save time for the client. When the site was found to be contaminated with chlorinated solvents, proposed a remedial action which coincided with the proposed redevelopment of the parcels. The remedial design consisted of excavation of soils to bedrock to accommodate the foundation design of the proposed building. Soil samples were collected in a grid across the site at multiple depths to further characterize VOC contaminated soils, historic fill material and native soils, for disposal purposes. This identification of "cells" of soil that could be transported to different facilities resulted in significant cost savings to the client. In addition, GZA recommended a soil vapor barrier and post excavation groundwater monitoring. Both the NYCDEP and the NYSDEC approved the work plans.



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MANUFACTURED GAS PLANTS (MGP) AND COAL TAR SITES

Project Manager, National Autoparts Retailer, Former MGP Site Redevelopment, Staten Island, New York. Conducted environmental due diligence studies on a former natural gas storage site targeted for redevelopment for commercial interests. A Phase I Environmental Site Assessment and a Phase II Site Investigation were performed prior to purchase of the property. The site had previously been utilized by Brooklyn Union Natural Gas as a natural gas storage site; the site had been listed as a potential MGP site operating in the late 1800s and early 1900s. Performed a remedial investigation under the supervision of the NYSDEC, including a remedial investigation work plan, the advancement of 20 soil borings, the installation of 10 temporary well points, regulatory interfacing, laboratory services, and a remedial action plan. It was determined that a concrete vault housing piping had been filled with condensate-contaminated debris during site closure. All contaminated material was confined to within the concrete vault. No other contaminants were detected above applicable guidance values. The contaminated material was excavated from the concrete vault; no groundwater had been impacted by the presence of the contaminated material. The NYSDEC granted a no further action letter, and the site was developed as a retail autoparts store.

Senior Project Manager, National RE/Sources, Former MGP Site Redevelopment, Tarrytown, New York. Prepared a conceptual remedial action plan and provided cost estimates to remediate a site that had operated as an MGP until the 1930s. The site had two areas of MGP-contaminated soil and groundwater as well as three areas of diesel-contaminated soil and groundwater. The conceptual remedial action consisted of a combination of containment, encapsulation, excavation, on-site thermal treatment, and product recovery. Land use restrictions were incorporated into the conceptual remedial action plan to allow for less stringent cleanup standards. Dr. Winslow provided cost estimates for the remedial actions, which were used by the developer to determine the feasibility of implementing the remediation.

RELEVANT GEOLOGIC EXPERIENCE

Dr. Winslow has conducted structural geologic field mapping to evaluate locations of folding, faulting and lithologic contacts in both the western and eastern United States, as well as overseas in the Pakistan Himalaya. The results of the geologic mapping have been used to assess regional scale

tectonic relationships as well as local scale mineral resources. In the Pakistan Himalaya, Dr. Winslow was able to map an active tectonic fault which accommodated kilometers of uplift in one of the most tectonically active areas of the world.

Dr. Winslow has utilized remote sensing, photolineament analysis, and structural/petrographic techniques to evaluate the pressure, temperature and time history of rocks associated with tectonic faulting. This information has included field scale structural analysis, petrographic thin section analysis, fluid inclusion analysis, major cation (thermobarometric analysis) chemistry, and thermochronological analysis of rocks from several tectonic complexes. This information has been used to evaluate the movement and uplift history along major tectonic faults.

EXPERT TESTIMONY

Principal, New York State Attorney General's Office, Soundview Avenue, Bronx, New York. Provided expert testimony with regards to contaminant fate and transport of MTBE and hydrogeology for a case involving a commingled MTBE Plume remediated under the NYSDEC Spill Fund.

Principal, Avis Budget Car Rental, JFK International Airport, Queens, New York. Provided expert testimony with regards to an underground utility damaged during replacement of an underground storage tank when a contractor drove sheeting through an 18-inch sewer line located 18 feet bgs. Provided an opinion on whether proper procedures had been followed to identify utilities during design and construction.

Senior Project Manager, New York City School Construction Authority (NYC SCA), Corona, Queens, New York. Provided expert testimony in a condemnation case regarding impacts to the site from lead contamination associated with historic fill at the site. In some instances lead concentrations were sufficient to classify soils as hazardous waste. Provided testimony concerning the nature and extent of the contamination, as well as typical remedial solutions to this issue and costs associated with the remediation. Remediation costs were estimated for residential usage vs. usage as a public school in order to determine what the environmental remediation costs would be under the highest and best use of the site.

Senior Project Manager, Medi-Ray Inc., Tuckahoe, New York. Provided expert testimony concerning contaminant fate transport of lead in the environment in conjunction with a "whistle blower" case. The former employee charged that he



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was fired because he intended to report to the authorities the mismanagement and dumping of lead into the environment. Dr. Winslow provided testimony concerning background concentration of lead in the environment, contaminant fate and transport properties of lead, the potential to create a substantial and material threat to public health and the environment, and critique of the conclusions of the opposing witnesses.

Senior Project Manager, Toys-R-Us, Yonkers, New York.

Provided factual testimony concerning site investigation and remediation efforts during the development of a Babies "R" Us store on a site that had been previously filled in the 1950s. During excavation to construct the store, evidence of commercial and industrial waste was detected in the fill material. This included fill with chemical odors, buried drums, and cinders. Once this material was identified it could no longer be disposed of as construction and demolition debris. Laboratory analysis indicated that the fill material contained metals and organic compounds above standards. Babies "R" Us sent the site owner a bill for the remedial efforts. The site owner disputed whether the fill material required special handling and whether the remediation was conducted in accordance with industry standards and state regulations.

Professional Activities

Program Committee Member, Urban Land Institute (ULI)/Northern New Jersey Chapter
Member, National Groundwater Association

Professional Development

OSHA 40-hour Health and Safety Training Certification - 1995
8-hour Site Supervisor Certification - 1995
OSHA Confined Space Entry Training Certification - May 1995
ASTM Risk Based Corrective Action for Petroleum Contaminated Sites – 1998

Ph.D. Dissertation

Pressure Temperature Time History of Nanga Parbat-Haramosh Massif, Pakistan Himalaya. Lehigh University, 1995.

Professional Papers

Winslow, D. M., Zeitler, P.K., Chamberlain, C.P., and Williams, I.S., 1996, Geochronologic Constraints on Syntaxial development in the Nanga Parbat Region, Pakistan, Tectonics.

Winslow, D.M., Chamberlain, C. Page, Zeitler, P.K. 1995, Metamorphism and Melting of the Lithosphere Due to Rapid Denudation, Nanga Parbat Massif Himalaya, Journal of Geology.

Winslow, D.M., Zeitler, P.K., Chamberlain, C. Page, Hollister, L.S., 1994, Direct Evidence of a Steep Geotherm Under Conditions of Rapid Denudation, Western Himalaya, Pakistan, Geology.

Craw, D., Koons, P.O., Winslow, D., Chamberlain, C.P., Zeitler, P.K., 1994, Boiling Fluids in a Region of Rapid Uplift, Nanga Parbat Massif, Pakistan, Earth and Planetary Science Letters.

Winslow, D.M., Bodnar, R.J., Tracy, R.J., 1993, Fluid Inclusion Evidence for a Counterclockwise P-T Path in CMT of Central Massachusetts. Journal of Metamorphic Geology.

Presentations

Rapid Vapor Intrusion Assessment and Mitigation at a Hurricane Sandy-Impacted Brownfield Site, Battelle Chlorinated Conference, Monterey, California, May, 2014

Arsenic Speciation, Mobility and Treatability at a Former Industrial Site in Edgewater, New Jersey, Environmental Services Association of Alberta (ESAA)/Remediation Technologies Symposium 2013 (RemTech 2013), Banff, Alberta, October, 2013

Arsenic Speciation, Mobility and Treatability at a Former Industrial Site in Edgewater, New Jersey, 29th Annual International Conference on Soils, Sediments, Water, and Energy/Association for Environmental Health and Sciences (AEHS) Foundation, University of Massachusetts, Amherst, Massachusetts, October, 2013.

Bench Scale In-situ Solidification/Stabilization Treatability Tests Using ANSI 16.1., Environmental Services Association of Alberta (ESAA)/Remediation Technologies Symposium 2012 (RemTech 2012), Banff, Alberta, October, 2012

Green Remediation at a LEED Silver Brownfield Site, The Environmental Institute, Green Remediation Conference, Amherst, MA, June 2010

Characterization of Tritium and Strontium Releases and Hydrogeology at the Indian Point Nuclear Power Plant, Buchanan, New York, Northeast Geological Society of America, March 2007

Integration of Investigative Methods to Assess a Porous Media vs. Fracture Flow Approach in Fractured Bedrock Systems, 2007, U.S. EPA/NGWA Fractured Rock Conference, September 2007



Appendix G – Previous Phase I Report

PHASE I ENVIRONMENTAL ASSESSMENT



**180 EAST 132ND STREET/82 WILLIS AVENUE
BRONX, NY 10454**

PHASE I ENVIRONMENTAL ASSESSMENT

ASTM E1527-00

**PROPERTY ADDRESS: 180 EAST 132ND STREET/82 WILLIS AVENUE
BRONX, NY 10454**

PREPARED FOR:

**PREPARED BY: SINGER ENVIRONMENTAL GROUP, LTD
5318 NEW UTRECHT AVENUE
BROOKLYN, NY 11219**

DATE: APRIL 20, 2005

SCOPE OF THIS PHASE I ENVIRONMENTAL SURVEY

To thoroughly inspect all accessible areas and facilities in and around the three story plus 1/2 basement building located at 180 EAST 132ND STREET/82 WILLIS AVENUE, BRONX, New York and to assess the environmental status of the subject property. The tasks were conducted via a visual inspection of the site, review of available historical records documenting uses of the property along with persons knowledgeable about the subject property.

This survey assessed any ongoing or former operations, whether current or former operators/leases used or stored chemicals on the premises, if any waste materials arising from operations have been dumped on the premises or if any landfill operations have taken place.

Visual inspection of the immediate vicinity around the premises were also conducted, wherever possible or reasonable, in order to determine whether any sites adjoining the premises are used for heavy manufacturing or the generation, storage, shipping or disposal of hazardous waste, chemical materials or fuel supplies; if there are any underground or suspended transformer, capacitors, etc. Containing PCB's on the subject property or if there are any underground storage tanks.

As part of this environmental survey, inquiry was made with the U.S. Environmental Protection Agency and appropriate State and Local Agencies in order to ascertain the location of any potential, alleged or known hazardous waste sites within a one half mile radius of subject property. The CERCLIS (Comprehensive Emergency Response, Compensation and Liability Information System) is the U.S. EPA's compilation of such alleged, potential or known hazardous waste sites brought to the attention of the U.S. EPA Office of Emergency and Remedial Response which have been, will be or are currently under investigation for suspected or known environmentally hazardous activities, The National Priorities List (NPL) is the U.S. EPA's listing of known contaminated sites which have been targeted for clean-up due to the immediate threat posed to human health and/or the environmental integrity of that property as well as its marketability.

If appropriate, inquiry was also made with the US Environmental Protection Agency and appropriate State and Local agencies regarding their acknowledgment that the presence and/or disposal of hazardous or toxic chemicals, if any, are within their guidelines and compliance.

Recommendations, wherever appropriate, have been given as to the action, if any, which should be taken to confirm with the most current guidelines and rules for compliance as set forth by these agencies.

The Phase I Environmental Survey is limited in budget and scope. No sampling, testing or laboratory analysis is conducted unless so noted and the assessment is based on the professional opinion of the Environmental Consultant. The Phase I Environmental Survey is not and should not be considered a warranty or guarantee about the presence or absence of environmental contaminants which might affect the subject property.

This report was prepared in accordance with ASTM E-1527-00 protocols for Phase I Environmental Site Assessments.

**180 EAST 132ND STREET/82 WILLIS AVENUE
BRONX, N.Y.**

Executive Summary

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EXECUTIVE SUMMARY

SITE DESCRIPTION

- This property is known as 180 EAST 132ND STREET/82 WILLIS AVENUE, BRONX, NY, Block 2260, Lot 180.
- This property consists of a three story plus 1/2 basement vacant building. (Exhibit A)
- According to NYC Oasis information, the zoning for the subject property is Manufacturing and the land-usage is Industrial and Manufacturing.
- Lot Size: 369.42'X72.58', Building Size: 300.58'X30'.
- Latitude: 40° 48' 22.7", Longitude: 73° 55' 29.6".
- Elevation above sea level: 32 Ft.

Please note: 180 East 132nd Street and Block 2260, Lot 180 is NOT listed in the Department of Buildings Property Profile Overview. 82 Willis Avenue IS listed in the property profile overview, however, according to the Department of Buildings this address belongs to the adjoining property.

LEAD

- **Some broken plaster was noted throughout the building during this inspection.**

Paint should be tested and verified for lead based paint (LBP) and abated according to regulations.

FUEL OIL STORAGE TANK

- One 5,000 gallon fuel oil **aboveground** storage tank encased in block was noted during this inspection.

No odors or stains were noted at the time of this inspection.

A current NYC Fire Department permit should be provided.

A current NYS DEC (Petroleum Bulk Storage) permit should be provided.

A GROUND PENETRATING RADAR OR MAGNETOMETER SHOULD BE CONDUCTED TO DETERMINE THE PRESENCE OF ANY UNDERGROUND STORAGE TANKS.

ASBESTOS

LOCATION	FOOTAGE	CONDITION	RECOMMENDATION
BASEMENT			
<i>Bathroom</i>	<i>3 Lft.</i>	<i>Good</i>	<i>Deferred Action</i>
<i>Electric Meter Room</i>	<i>12 Lft.</i>	<i>Good</i>	<i>Deferred Action</i>
<i>Storage Rooms</i>	<i>45 Lft.</i>	<i>Good</i>	<i>Deferred Action</i>
BOILER ROOM/OIL TANK			
<i>Boiler</i>	<i>281 Sq. Ft.</i>	<i>Good</i>	<i>Deferred Action</i>
<i>Pipe</i>	<i>2 Elbow Joints</i>	<i>Good</i>	<i>Deferred Action</i>
FIRST FLOOR			
<i>Front Rooms</i>	<i>Suspect ACM non friable 9"x9" floor tile</i>	<i>Good</i>	<i>Deferred Action</i>
<i>First Floor</i>	<i>1100 Lft.</i>	<i>Good-Fair</i>	<i>Deferred Action</i>
SECOND FLOOR			
<i>Second Floor</i>	<i>Suspect ACM non friable 9"x9" floor tile</i>	<i>Good</i>	<i>Deferred Action</i>
<i>Second Floor</i>	<i>865 Lft.</i>	<i>Good-Fair</i>	<i>Deferred Action</i>

No further action is required at this time. (See below)

Please note: NO core samples were taken during this inspection, in the event of change in present status, eg, demolition, alteration, modification, all suspect materials should be tested and verified free of any ACM.

Estimate:

If building is to be demolished, all ACM must be removed (Eg, piping, floor tile, roofing). Estimated pricing is approximately \$15,000 for pipe covering and boiler, approximately \$5,000 for floor tile and \$45,000 for roofing (if tested positive for ACM).

PCB's

- **NO** PCB's were noted during this inspection.

SITE HISTORY

- According to NYC Oasis information, this building was built in 1888.
- In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that this property has been used as “Flat” and “Offices” facilities from the 1940’s to the 1990’s.

SURROUNDING AREAS

NORTH	VACANT LAND
SOUTH	VACANT, BUS PARKING
WEST	TRUCK AND STORAGE YARD
EAST	RAILROAD

CHEMICAL OR HAZARDOUS MATERIAL/WASTE STORAGE

- **NO** chemical or hazardous material/waste storage was noted during this inspection.

EDR(ENVIRONMENTAL DATA RESOURCES) DATABASE SUMMARY

DATABASE	SEARCH DISTANCE	SITES LISTED
SM. QUANTITY GENERATOR	¼ MILE	12
STATE HAZARDOUS WASTE	1 MILE	1
STATE LANDFILL	½ MILE	6
LTANKS (LEAKING TANKS)	½ MILE	33
NY SPILLS	<1/8 MILE	12

These should have no affect on the subject property.

- *This site is NOT listed on any State or Federal Databases.*

CONCLUSIONS AND RECOMMENDATIONS

- **A Phase II Subsurface Probe should be conducted to determine the possible presence of any soil/groundwater contamination (see below).**
- **A Ground Penetrating Radar or Magnetometer should be conducted to determine the presence of any underground storage tanks.**

“E” (Environmental) Designation

- **This property has an “E” Designation. According to documentation provided to Singer Environmental from NYC Department of City Planning a sampling protocol must be submitted to the NYC DEP for approval (See documentation).**

**180 EAST 132ND STREET/82 WILLIS AVENUE
BRONX, N.Y.**

Survey Findings

Page 1

SURVEY FINDINGS

GENERAL

A Phase I Environmental Survey was conducted in and around the property located at 180 EAST 132ND STREET/82 WILLIS AVENUE, BRONX, New York beginning with a visual inspection by an Environmental Consultant in all areas where hazardous or potentially toxic materials or substances might be present. A number of environmental risks were assessed during this investigation, including the presence of asbestos-containing materials, aboveground or underground storage tanks, chemical and/or hazardous waste storage and PCB content in electrical equipment. A Phase I Environmental Assessment does not involve any sampling, testing or laboratory analysis of on-site soil or ground water, unless so noted, and, thus, cannot confirm the nature of subsurface soil or ground water quality on the subject property.

SITE DESCRIPTION

According to the Department of Buildings, the subject property is located at the address known as 180 EAST 132ND STREET/82 WILLIS AVENUE, Block 2260, Lot 180, in the Borough of BRONX, New York. The subject property currently has one building on it. The Building located at the subject address is a three story plus 1/2 basement vacant building. According to NYC Oasis information, the zoning for the subject property is Manufacturing and the land-usage is Industrial and Manufacturing.

Lot Size: 369.42'X72.58', Building Size: 300.58'X30'.

Latitude: 40° 48' 22.7", Longitude: 73° 55' 29.6".

Elevation above sea level: 32 Ft.

Please note: 180 East 132nd Street and Block 2260, Lot 180 is NOT listed in the Department of Buildings Property Profile Overview. 82 Willis Avenue IS listed in the property profile overview, however, according to the Department of Buildings this address belongs to the adjoining property.

(Exhibit A)

SITE HISTORY

According to NYC Oasis information, this building was built in 1888.

In reviewing the history of this building and property, a Sanborn Map Search was conducted and it was determined that this property has been used as "Flat" and "Offices" facilities from the 1940's to the 1990's.

**180 EAST 132ND STREET/82 WILLIS AVENUE
 BRONX, N.Y.
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A Sanborn site history “mapping and geographic” search was conducted for a 100 year span and **20** maps were provided (see documentation).

YEAR	SUBJECT PROPERTY
1944	FLAT, OFFICES
1946	FLAT, OFFICES
1947	FLAT, OFFICES
1951	FLAT, OFFICES
1968	FLAT, OFFICES
1969	FLAT, OFFICES
1977	FLAT, OFFICES
1978	FLAT, OFFICES
1980	FLAT, OFFICES
1981	FLAT, OFFICES
1984	FLAT, OFFICES
1986	FLAT, OFFICES
1989	FLAT, OFFICES
1991	FLAT, OFFICES
1992	FLAT, OFFICES
1994	FLAT, OFFICES
1995	FLAT, OFFICES

SURROUNDING AREAS	
NORTH (EXHIBIT E)	VACANT LAND
SOUTH (EXHIBIT C)	VACANT, BUS PARKING
WEST (EXHIBIT D)	TRUCK AND STORAGE YARD
EAST (EXHIBIT B)	RAILROAD

ENVIRONMENTAL ASSESSMENT

A visual inspection and interview at the subject property took place on April 13, 2005, by Mr. Shemon Singer who was accompanied by the building Manager, Billy.

ASBESTOS CONTAINING MATERIALS (ACM)

Asbestos is the generic name for a group of naturally occurring hydrated mineral silicates that are characterized by fibers or bundles of fine single crystal fibers. The New York City Department of Environmental Protection defines asbestos containing materials as “any material which contains more than one percent asbestos by weight.” Asbestos materials were used for many years in a variety of ways in building construction due to its excellent acoustic insulating and thermal barrier properties. The durability of asbestos fibers and their small size and fibrous shape make asbestos an unusual environmental contaminant. Water infiltration, contact during routine maintenance and age are major factors breaking down asbestos containing materials and creating exposure problems.

(See Next Page)

**180 EAST 132ND STREET/82 WILLIS AVENUE
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Page 3**

Rooms/areas/facilities in the basement and first through third floors were inspected as part of this survey.

First Floor - Suspect ACM non friable 9"x9" floor tile (Front Rooms), Wood, Ceramic, Concrete Floors, Panel/Plaster Walls and Ceilings. Radiators. Approximately 1100 Lft. of suspect ACM pipe covering in good to fair condition.

Second Floor - Suspect ACM non friable 9"x9" floor tile. Panel/Plaster Walls, Wood/1'X1' Ceiling Tile. Radiators. Approximately 865 Lft. of suspect ACM pipe covering in good to fair condition.

Third Floor - Wood Floors and Ceilings, Panel/Plaster Walls. Radiators. No Pipe.

Basement

Front Storage Room - No visible and/or friable ACM.

Bathroom - Approximately 3 Lft. of suspect ACM pipe covering in good condition.

Electric Meter Room - Approximately 12 Lft. of suspect ACM pipe covering in good condition.

Storage Room - Approximately 45 Lft. of suspect ACM pipe covering in good condition.

Boiler Room/Oil Tank

Boiler - Approximately 281 Sq. Ft. of suspect ACM covering in good condition.

Pipe - 2 Elbow Joints of suspect ACM covering in good condition.

Side Yard - Former RailRoad Tracks.

**180 EAST 132ND STREET/82 WILLIS AVENUE
BRONX, N.Y.
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Page 4**

CHEMICAL OR HAZARDOUS MATERIAL/WASTE STORAGE

The rooms/areas/facilities that were inspected as part of this Phase I environmental survey; **NO** 55 gallon or smaller sized drums were found on the property. **NO** storage or use of pesticides were found at the subject property. **NO** distressed vegetation was noted during this inspection.

PRESENCE OF PCBs IN TRANSFORMERS AND OTHER ELECTRICAL EQUIPMENT

An inspection was conducted at the subject property and in the immediate vicinity for the presence of any underground, surface or suspended transformers and visible power supply sources. Oil-containing transformers are known to frequently contain PCBs (Polychlorinated biphenyl's). PCBs are contained in older transformers and other electrical equipment and have the potential for serious health risks. The level of PCB content in such transformers and electrical equipment is regulated by the U.S. Environmental Protection Agency, Regulations 40 CFR Part 761. Upon visual inspection, **NO** suspended transformers power supply sources were identified. Contact with Con Edison has nevertheless been made to determine definitely if any equipment owned and/or maintained by Con Edison located on or in the immediate vicinity of the subject property contain PCB's.

FUEL OIL STORAGE TANKS

The New York State Department of Environmental Conservation regulates the storage and handling of petroleum storage facilities. Aboveground and Underground storage tanks storing petroleum can, if not properly installed and maintained, cause serious environmental problems. Including contamination of a water supply. In an effort to prevent leaks and spills, the Petroleum Bulk Storage Law (Article 17, Title 10 of the Environmental Conservation Law) requires the DEC to develop and enforce a State Code for the storage and handling of petroleum. The resulting regulations are Parts 612, 613 and 614. Any facility with a stationary tank combined capacity exceeding 1,100 gallons must be registered with the New York State Department of Environmental Conservation.

- One 5,000 gallon fuel oil **aboveground** storage tank encased in block was noted during this inspection.

No odors or stains were noted at the time of this inspection.

A current NYC Fire Department permit should be provided.

A current NYS DEC (Petroleum Bulk Storage) permit should be provided.

A GROUND PENETRATING RADAR OR MAGNETOMETER SHOULD BE CONDUCTED TO DETERMINE THE PRESENCE OF ANY UNDERGROUND STORAGE TANKS.

**180 EAST 132ND STREET/82 WILLIS AVENUE
BRONX, N.Y.
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RCRA - RESOURCE CONSERVATION AND RECOVERY ACT

RCRA was enacted in 1976 to address the problem of disposing solid waste, hazardous waste, underground storage tanks and medical waste. Subtitle C of the Act establishes a program to manage and regulate hazardous wastes. The objective of the subtitle C program is to ensure that hazardous waste is handled in a manner that protects human health and the environment. Under RCRA, there are three categories of hazardous waste generators: Large quantity generators (LQG), small quantity generators (SQG), and conditionally exempt small quantity generators. LQG are defined as those facilities that generate either 1,000 or more kilograms per month of hazardous waste or 1 kg or more of acutely hazardous waste per month.

LQG and SQG are subject to regulations contained in 40 CFR Part 262: Obtaining and EPA ID number, preparing the waste for transportation, follow storage requirements, manifesting of hazardous waste and record keeping.

THIS SITE IS NOT LISTED ON THE RCRIS OR FINDS LISTS.

According to EDR Radius Map Search 12 Sm. Quantity Generators are located <1/8 to 1/4 mile radius of the subject property.

These should have NO affect on the subject property.

ADDITIONAL OBSERVATION

An inspection of the immediate vicinity around the subject property was also conducted as part of this Phase I Environmental Assessment.

In addition to the visual inspection, contact was made with the U.S. Environmental Protection Agency regarding the presence of any known, alleged or potential hazardous waste sites located in the immediate vicinity of the subject property which have been brought to the attention of the U.S. EPA Office of Emergency & Remedial Response and included in the Comprehensive Environmental Response, Compensation & Liability Information System (CERCLIS). Based on reports, **NO** such property has been identified as such (see documentation).

A review of the N.Y.S. D.E.C. Inactive Hazardous Waste Disposal Report was conducted. According to their records, **NO** site has been identified on or near the subject property.

According to EDR Radius Map Search 1 State Hazardous Waste site is located 1/2 to 1 mile radius of the subject property.

According to EDR Radius Map Search 6 State Landfill sites are located 1/8 to 1/2 mile radius of the subject property.

These should have NO affect on the subject property.

A radon test was **NOT** conducted at the subject property. Elevated radon levels create a potential health risk, The U.S. EPA and the Center for Disease Control have used a continuous exposure level of 4 pCi/L as a guidance level at or above which further testing and/or remedial action are indicated. There were no records or other evidence that radon testing has been performed at the subject property.

SUMMARY OF FINDINGS

The following is a summary of findings from the asbestos survey of the property located at 180 EAST 132ND STREET/82 WILLIS AVENUE, BRONX, N.Y.

LOCATION	FOOTAGE	CONDITION	RECOMMENDATION
BASEMENT			
<i>Bathroom</i>	<i>3 Lft.</i>	<i>Good</i>	<i>Deferred Action</i>
<i>Electric Meter Room</i>	<i>12 Lft.</i>	<i>Good</i>	<i>Deferred Action</i>
<i>Storage Rooms</i>	<i>45 Lft.</i>	<i>Good</i>	<i>Deferred Action</i>
BOILER ROOM/OIL TANK			
<i>Boiler</i>	<i>281 Sq. Ft.</i>	<i>Good</i>	<i>Deferred Action</i>
<i>Pipe</i>	<i>2 Elbow Joints</i>	<i>Good</i>	<i>Deferred Action</i>
FIRST FLOOR			
<i>Front Rooms</i>	<i>Suspect ACM non friable 9"x9" floor tile</i>	<i>Good</i>	<i>Deferred Action</i>
<i>First Floor</i>	<i>1100 Lft.</i>	<i>Good-Fair</i>	<i>Deferred Action</i>
SECOND FLOOR			
<i>Second Floor</i>	<i>Suspect ACM non friable 9"x9" floor tile</i>	<i>Good</i>	<i>Deferred Action</i>
<i>Second Floor</i>	<i>865 Lft.</i>	<i>Good-Fair</i>	<i>Deferred Action</i>

No further action is required at this time. (See below)

Please note: NO core samples were taken during this inspection, in the event of change in present status, eg, demolition, alteration, modification, all suspect materials should tested and verified free of any ACM.

Estimate:

If building is to be demolished, all ACM must be removed (Eg, piping, floor tile, roofing). Estimated pricing is approximately \$15,000 for pipe covering and boiler, approximately \$5,000 for floor tile and \$45,000 for roofing (if tested positive for ACM).

**180 EAST 132ND STREET/82 WILLIS AVENUE
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Page 1**

RECOMMENDATIONS

The following are recommendations based on the Phase I Environmental Survey conducted at the property located at 180 EAST 132ND STREET/82 WILLIS AVENUE, BRONX, New York.

On April 13, 2005, a Phase I Environmental Assessment of the above-mentioned property were conducted in accordance with the generally accepted assessment protocol. The Phase I environmental assessment relied primarily on visual observation made during inspection and review of available historical documents as they relate to current and past usages of the subject property. Additionally, the immediate vicinity of the subject property was inspected in order to ascertain the likelihood of toxic or hazardous substances or other agents to be present at surrounding locations which might adversely affect the subject site.

As part of the asbestos section of this survey, an inspection of all the aforementioned areas were conducted:

Construction materials on the exterior and interior of the building were also inspected for possible asbestos content.

Within each of these rooms/areas/facilities, piping insulation (e.g. on hot and cold water supply piping), if any, was checked at exposed locations for possible asbestos content.

SEE “SUMMARY OF FINDINGS”, “RECOMMENDATIONS.”

**180 EAST 132ND STREET/82 WILLIS AVENUE
BRONX, N.Y.
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Page 2**

THE FOLLOWING ARE FINDINGS AND RECOMMENDATIONS MADE BY THE SINGER ENVIRONMENTAL CONSULTANT:

THERE IS NO EVIDENCE THAT THIS SITE HAS BEEN USED FOR HEAVY MANUFACTURING, USE AND/OR STORAGE OF FUEL SUPPLIES OR CHEMICALS.

SEE EXECUTIVE SUMMARY.

UPON VISUAL INSPECTION, NO SUSPENDED OR SURFACE TRANSFORMERS WERE IDENTIFIED ON OR IN THE IMMEDIATE VICINITY OF THE SUBJECT PROPERTY.

Contact was made with Con Edison on January 1996 to ascertain whether or not any equipment owned and/or maintained by Con Edison is present in the immediate vicinity of the subject property and , if so, if any contain PCBs. Information provided to Singer Environmental has been that among transformers which have not been tested and determined to contain a quantity of PCBs (designated in ppms (parts per million), public utility companies are permitted to continue operation without restriction. However, if a problem were to arise as a result of a release of dielectric fluid from these transformers, the utility assumes responsibility to adequately mitigate the situation.

RADON

While radon has not been identified by the New York State Health Department as a major problem in the boroughs of New York City, the problem is site-specific and the potential health risk should be assessed.

SOIL & GROUNDWATER

The nature of subsurface soil and ground water at the subject property cannot be confirmed, given the limited budget and scope of this Phase I Environmental Survey.

- **A Phase II Subsurface Probe should be conducted to determine the possible presence of any soil/groundwater contamination (see below).**
- **A Ground Penetrating Radar or Magnetometer should be conducted to determine the presence of any underground storage tanks.**

“E” (Environmental) Designation

- **This property has an “E” Designation. According to documentation provided to Singer Environmental from NYC Department of City Planning a sampling protocol must be submitted to the NYC DEP for approval (See documentation).**

ASBESTOS

According to the Environmental Protection Agency and included in the publication #EPA 560/5-85-024 "Guidance for Controlling Asbestos Containing Materials (ACM) in Buildings" asbestos containing materials are found in three forms: (1) Sprayed or troweled on ceilings and walls and structural steel; (2) in insulation around hot and cold piping, ducts, boilers and tanks; and (3) in a non-friable state in products such as ceilings and floor tiles. Wallboards and outside in materials such as shingles and roofing materials. In general, ACM in the first two categories is of greatest concern, especially if it is friable, causing the materials to release fibers into the air.

ACM are believed to be present on the roof in tars, felts and papers used in roof coatings. These materials are "non-friable" in their present state. In the event of change in present status e.g. demolition, these materials should be tested and verified of any ACM.

Ceiling and floor tile which may contain asbestos are not required to be removed due to their non-friable state.

LEAD PAINT

Paint samples were **NOT** taken for lead content. However, in older buildings it is likely that lead based paint was used within the multi-layered painted surfaces. (Lead base paint was banned in 1978). Lead paint can be hazardous if digested, especially by small children.

Upon visual inspection, NO signs of chipping, cracking or broken surfaces were noted during this inspection.

Lead violations, if any, should show up on the Title Report.

FUEL OIL STORAGE TANKS

- One 5,000 gallon fuel oil **aboveground** storage tank encased in block was noted during this inspection.

No odors or stains were noted at the time of this inspection.

A current NYC Fire Department permit should be provided.

A current NYS DEC (Petroleum Bulk Storage) permit should be provided.

A GROUND PENETRATING RADAR OR MAGNETOMETER SHOULD BE CONDUCTED TO DETERMINE THE PRESENCE OF ANY UNDERGROUND STORAGE TANKS.

LTANKS (LEAKING TANKS)

According to an EDR Radius Map search, **33** LTANKS sites were identified <1/8 to 1/2 mile of the subject property.

These should have NO affect on the subject property.

N.Y SPILLS

According to an EDR Radius Map search, **12** spill sites were identified <1/8 mile radius of the subject property.

These should have NO affect on the subject property.

**180 EAST 132ND STREET/82 WILLIS AVENUE
BRONX, N.Y.
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Page 6**

FIRE DEPARTMENT

A record search at the Fire Department was **NOT** conducted for existing Fire Department violations.

Fire Department violations, if any, should show up on the Title Report.

N.Y.S. D.E.C.

A F.O.I.A. request was submitted to the N.Y.S. Department of Environmental Conservation regarding any spills, PBS (Petroleum Bulk Storage etc.). To date, **NO** response has been received. Upon receipt, an addendum will follow.

N.Y.C. D.E.P.

A F.O.I.A. request was submitted to the N.Y.C. Department of Environmental Protection regarding any violations, etc. To date, **NO** response has been received. Upon receipt, an addendum will follow.

DEPARTMENT OF HEALTH

A F.O.I.A. request was submitted to the Department of Health regarding any violations, etc. To date, **NO** response has been received. Upon receipt, an addendum will follow.

F.O.I.A. REQUESTS MAY BE FORWARD AFTER CLOSING DATE.

**180 EAST 132ND STREET/82 WILLIS AVENUE
BRONX, N.Y.**

Recommendations

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Singer Environmental Group, Ltd. has conducted this Phase I Environmental Survey as an aid in determining the presence of potentially toxic or hazardous chemicals or substances as of the date of inspection. Observations are made herein and conclusions drawn are not to be considered as a warranty or guarantee, and are based solely upon those areas directly visible and observable, without the removal or alterations of any item or structure and reflect conditions as on the day of inspection.

Singer Environmental Group, Ltd., their principals and employees are indemnified for any future changes or conditions of deterioration in or on the subject property. Inasmuch as each has made no guarantees of the premises, expressed or implied in connection with this report, any liability which each may have shall be limited to the fee for the inspection of the property.

Respectfully Submitted by:

**SHEMON SINGER
EAA CERTIFIED ENVIRONMENTAL INSPECTOR
NO. 6209
APRIL 20, 2005**



GZA GeoEnvironmental, Inc.



APPENDIX C

GZA SITE-SPECIFIC HEALTH, SAFETY & ACCIDENT PREVENTION STANDARD-PLAN

1. CLIENT/SITE/PROJECT INFORMATION		
Client: Carnegie Management		
Site Address: 180 East 132 nd Street, Bronx, New York		
Site Description (be sure to list pertinent site features, chemicals used at the facility, and other potential hazard sources: The Site is a paved asphalt parking lot with no buildings, currently leased to Flatrate Moving.		
Work Environment (active manufacturing, office, vacant site, undeveloped property, etc.): Asphalt parking lot used for van storage.		
Job/Project #: 12.0076605.00	Estimated Start Date: 2/1/2018	Estimated Finish Date: 2/1/2019
Site is Covered by the Following Regulations:	OSHA HAZWOPER Standard <input checked="" type="checkbox"/>	Mine Safety and Health Administration <input type="checkbox"/>
	OSHA Construction Regulations <input type="checkbox"/>	

2. EMERGENCY INFORMATION		
Hospital Name: NYC Health & Hospitals/Harlem		Hospital Phone: 212-939-1000
Hospital Address: 506 Lenox Avenue, New York, NY		Directions and Street Map Attached: <input checked="" type="checkbox"/> Yes
Local Fire #: 911 or	Local Ambulance #: 911 or	Local Police #: 911 or
WorkCare Incident Intervention Services:	For non-emergencies, if an employee becomes hurt or sick call 888-449-7787	
Other Emergency Contact(s): Sandra Huber	Phone #'s: 201-213-1045	
Site-Specific Emergency Preparedness/Response Procedures/Concerns: Call 911 in the event of an emergency; direct emergency responders to the corner of Willis Avenue and East 132 nd Street, under Willis Avenue Bridge.		
<ul style="list-style-type: none"> All EHS Events (incidents, first aid, near misses, unsafe acts/conditions, fires, chemical spills, property damage, and extraordinary safe behaviors) must be reported immediately to the Project Manager, and within 24hours to the EHS Event Reporting Portal at http://www.kelleronline.com. Username <u>gempl1</u> Password <u>4Incidents&</u> In the event of a chemical release greater than 5 gallons, site personnel will evacuate the affected area and relocate to an upwind location. The GZA Field Safety Officer and client site representative shall be contacted immediately. Site work shall not be conducted during severe weather, including high winds and lightning. In the event of severe weather, stop work, lower any equipment (drill rigs), and evacuate the affected area. 		

3. SCOPE OF WORK	
General project description, and phase(s) or work to which this H&S Plan applies ¹ .	Phase II Workplan
Specific Tasks Performed by GZA:	Log borings/collect 20 soil samples; collect 5 groundwater samples; oversee subcontractor(s)
Concurrent Tasks to be Performed by GZA-hired Subcontractors (List Subcontractors by Name):	Perform geophysical survey; drill soil borings; install temporary wells; collect 8-10 soil vapor samples. All subcontract work will be performed by Goldstar Environmental, Inc.
Concurrent Tasks to be Performed by Others:	None

Any OSHA PERMIT-REQUIRED CONFINED SPACE entry? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	Any INDOOR fieldwork? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, EXPLAIN:
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¹ Copy from or reference proposal or applicable design plan as appropriate.

GZA SITE-SPECIFIC HEALTH, SAFETY & ACCIDENT PREVENTION STANDARD-PLAN

IF YES, ADD CONFINED SPACE ENTRY PERMIT FOR THAT PORTION OF THE WORK	
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4. SUB-SURFACE WORK, UNDERGROUND UTILITY LOCATION

Will subsurface explorations be conducted as part of this work (drilling or excavation)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Will GZA personnel be required to use a hand-auger as part of this work?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Site property ownership where underground explorations will be conducted on: Carnegie Management	Public Access Property <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Private Property <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Have Necessary Underground Utility Notifications for Subsurface Work Been Made?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yet to be conducted

Specify Clearance Date & Time, Dig Safe Clearance I.D. #, And Other Relevant Information: Geophysical clearance was done on January 31, 2018 with Goldstar. The NY One Call # is 180522437.

IMPORTANT! For subsurface work, prior to the initiation of ground penetrating activities, GZA personnel to assess whether the underground utility clearance (UUC) process has been completed in a manner that appears acceptable, based on participation/ confirmation by other responsible parties (utility companies, subcontractor, client, owner, etc.), for the following:

Electric:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Other _____
Fuel (gas, petroleum, steam):	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Other _____
Communication:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Other _____
Water:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Other _____
Sewer:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Other _____
Other: _____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> NA	<input type="checkbox"/> Other _____

Comments:

5. HAZARD ASSESSMENT (CHECK ALL THAT APPLY AND ADDRESS EACH HAZARD IN SECTION 6)

A. GENERAL FIELDWORK HAZARDS

<input type="checkbox"/> Confined Space Entry (Add Confined Space Entry Permit) <input type="checkbox"/> Abandoned or vacant building/Enclosed Spaces <input checked="" type="checkbox"/> Significant Slip/Trip/Fall Hazards <input type="checkbox"/> Unsanitary/Infectious Hazards <input type="checkbox"/> Poisonous Plants <input checked="" type="checkbox"/> Biting/Stinging Insects <input type="checkbox"/> Feral Animal Hazards <input type="checkbox"/> Water/Wetlands Hazards <input type="checkbox"/> Remote Locations/Navigation/Orientation hazards <input checked="" type="checkbox"/> Heavy Traffic or Work Alongside a Roadway <input checked="" type="checkbox"/> Weather-Related Hazards <input checked="" type="checkbox"/> Motor vehicle operation Hazards <input checked="" type="checkbox"/> Heavy Equipment Hazards <input type="checkbox"/> Structural Hazards (i.e. unsafe floors/stairways/roof) <input type="checkbox"/> Demolition/Renovation <input checked="" type="checkbox"/> Presence of Pedestrians or the General Public	<input checked="" type="checkbox"/> Overhead Hazards (i.e. falling objects, overhead power lines) <input type="checkbox"/> Portable Hand Tools or Power Tools <input type="checkbox"/> Significant Lifting or Ergonomic Hazards <input type="checkbox"/> Electrical Hazards (i.e. Equipment 120 Volts or Greater, Work Inside Electrical Panels, or Maintenance of Electrical Equipment) <input type="checkbox"/> Other Stored energy Hazards (i.e. Equipment with High Pressure or Stored Chemicals) <input type="checkbox"/> Fire and/or Explosion Hazard <input checked="" type="checkbox"/> Elevated Noise Levels <input type="checkbox"/> Excavations/Test Pits <input type="checkbox"/> Explosives or Unexploded Ordnance/MEC <input type="checkbox"/> Long Distance or Overnight Travel <input checked="" type="checkbox"/> Personal Security or High Crime Area Hazards <input type="checkbox"/> Working Alone <input type="checkbox"/> Ionizing Radiation or Non-Ionizing Radiation <input checked="" type="checkbox"/> Chemical/Exposure Hazards (See Part B for Details) <input type="checkbox"/> Other:
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GZA SITE-SPECIFIC HEALTH, SAFETY & ACCIDENT PREVENTION STANDARD-PLAN

B. CHEMICAL/EXPOSURE HAZARDS (CONTAMINANTS ARE CONTAINED IN X SOIL, WATER, GROUNDWATER)

<input type="checkbox"/> No chemical hazards anticipated <input type="checkbox"/> Hydrogen Sulfide (H ₂ S) <input type="checkbox"/> Cyanides, Hydrogen Cyanide (HCN) <input type="checkbox"/> Carbon Monoxide <input type="checkbox"/> Herbicides, Pesticide, Fungicide, Animal Poisons <input type="checkbox"/> Metals, Metal Compounds: <input type="checkbox"/> Corrosives, Acids, Caustics, Strong Irritants <input type="checkbox"/> Polychlorinated Biphenyls (PCBs) <input type="checkbox"/> Polycyclic Aromatic Hydrocarbons (PAHs) <input type="checkbox"/> Compressed Gases <input type="checkbox"/> Flammable/Combustible Liquids <input type="checkbox"/> Radiation Hazards (i.e. radioactive sealed/open source, x-rays, ultra violet, infrared, radio-frequency, etc.)	<input type="checkbox"/> Methane <input type="checkbox"/> Chemicals Subject to OSHA Hazard Communication (attach Safety Data Sheet for each chemical GZA brings to the site) <input type="checkbox"/> Containerized Waste, Chemicals in Piping & Process Equipment <input type="checkbox"/> Emissions from Gasoline-, Diesel-, Propane-fired Engine, Heater, Similar Equipment <input type="checkbox"/> General Work Site Airborne Dust Hazards <input type="checkbox"/> Volatile Organic Compounds (VOCs), BTEX <input type="checkbox"/> Chlorinated Organic Compounds <input type="checkbox"/> Fuel Oil, Gasoline, Petroleum Products, Waste Oil <input type="checkbox"/> Asbestos <input type="checkbox"/> Oxygen Deficiency, Asphyxiation Hazards <input checked="" type="checkbox"/> Other: Unsure of chemical hazards; will monitor soil with PID.
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6. SITE-SPECIFIC OVERVIEW OF H&S HAZARDS/MITIGATIONS (NOTE: Based on Hazard Assessment, Section 5)	
Describe the major hazards expected to be present at the jobsite, and describe the safety measures to be implemented for worker protection (refer to items checked in Section 5 above). Use brief abstract statements or more detailed narrative as may be appropriate.	
ON-SITE HAZARDS:	HAZARD MITIGATIONS:
Task Hazard Analyses	04.02 – Groundwater Sampling; 04.05 – Soil Gas Sampling; 20.11 – Field Sampling; 21.01 Outdoor Field Work
Significant Slip/Trip/Fall Hazards	Be wary of walking through the Site. The Site is currently leased and used by Flatrate moving. Be mindful of tools/equipment on the ground throughout the Site. Maintain orderly work area. Identify and mark trip hazards.
Biting/Stinging Insects	If work is performed in the spring/summer, be mindful of insects. Wear bug repellent and treat any stings or bites immediately.
Heavy Traffic or Work Alongside a Roadway	Watch for trucks and machinery coming in and out of the Site.
Weather-Related Hazards	Dress appropriately for the weather. During winter, wear layers and take breaks in heated vehicle if necessary.
Motor Vehicle Operation Hazards/Traffic	Be mindful of vans that the current tenant uses and moves on-Site. Watch for moving vehicles. Wear high-visibility gear and set up work zone with traffic cones or stancions.
Heavy Equipment Hazards/Overhead Hazards	Be mindful of location relative to the drill rig. Wear hard hat when working near the drill rig. Lower boom when moving drilling rig. Maintain a distance for at least 10 feet from active overhead lines.
Presence of Pedestrians or the General Public	Watch for presence of tenants on-Site when working. Ensure no pedestrians approach the drill rig when in use.
Elevated noise levels	Work is to be performed in the Bronx: noise levels are generally those of a typical city. Wear ear protection if noise levels are higher than normal and during drilling operations.
Personal Security or High Crime Area Hazards	Be mindful of surroundings when working around the Site. Use buddy system when going off-Site. Do not leave valuables unattended or visible in vehicle.
Chemical Exposure Hazards	Be alert for site contaminants (as indicated by odor, visual characteristics, location, and site history). Wear gloves when in contact with contaminants. Wash hands prior to eating and drinking.

GZA SITE-SPECIFIC HEALTH, SAFETY & ACCIDENT PREVENTION STANDARD-PLAN

7. AIR MONITORING ACTION LEVELS – Make sure air monitoring instruments are in working order, calibrated before use, and ‘bump-checked’ periodically throughout the day and/or over multiple days of use

Is air monitoring to be performed for this project? Yes No

ACTION LEVELS FOR OXYGEN DEFICIENCY AND EXPLOSIVE ATMOSPHERIC HAZARDS (Action levels apply to occupied work space in general work area)

Applicable, See Below. Not Applicable

Parameter	Response Actions for Elevated Airborne Hazards
Oxygen	At 19.5% or below – Exit area, provide adequate ventilation, or proceed to Level B, or discontinue activities Verify presence of adequate oxygen (approx. 12% or more) before taking readings with LEL meter. Note: If oxygen levels are below 12%, LEL meter readings are not valid.
LEL	Less than 10% LEL – Continue working, continue to monitor LEL levels Greater than or Equal to 10% LEL – Discontinue work operations and immediately withdraw from area. Resume work activities ONLY after LEL readings have been reduced to less than 10% through passive dissipation, or through active vapor control measures.

ACTION LEVELS FOR INHALATION OF TOXIC/HAZARDOUS SUBSTANCES (Action levels are for sustained breathing zone concentrations)

Applicable, See Below. Not Applicable

Air Quality Parameters (Check all that apply)	Remain in Level D or Modified D	Response Actions for Elevated Airborne Hazards
<input checked="" type="checkbox"/> VOCs	0 to 5 ppm	From 5 ppm to 25 ppm: Proceed to Level C, or Ventilate, or Discontinue Activities If greater than 25 ppm: Discontinue Activities and consult EHS Team
<input type="checkbox"/> Carbon Monoxide	0 to 35 ppm	At greater than 35 ppm, exit area, provide adequate ventilation, proceed to Level B, or discontinue activities.
<input type="checkbox"/> Hydrogen Sulfide	0 to 10 ppm	At greater than 10 ppm, exit area, provide adequate ventilation, proceed to Level B, or discontinue activities
<input type="checkbox"/> Dust	0 to mg/m ³	
<input type="checkbox"/>	0 to	

SPECIAL INSTRUCTIONS/COMMENTS REGARDING AIR MONITORING (IF APPLICABLE)

8. HEALTH AND SAFETY EQUIPMENT AND CONTROLS

AIR MONITORING INSTRUMENTS

- PID Type: MiniRae Lamp Energy: 10.6 eV
- FID Type:
- Carbon Monoxide Meter
- Hydrogen Sulfide Meter
- O₂/LEL Meter
- Particulate (Dust) Meter
- Calibration Gas Type
- Others:

OTHER H&S EQUIPMENT & GEAR

PERSONAL PROTECTIVE EQUIPMENT

- Respirator – Type
- Respirator - Cartridge Type:
- Hardhat
- Outer Gloves Type: Nitrile; work gloves, as needed
- Inner Gloves Type:
- Steel-toed boots/shoes
- Coveralls – Type
- Outer Boots – Type
- Eye Protection with side shields
- Face Shield

GZA SITE-SPECIFIC HEALTH, SAFETY & ACCIDENT PREVENTION STANDARD-PLAN

<input type="checkbox"/> Fire Extinguisher <input type="checkbox"/> Caution Tape <input checked="" type="checkbox"/> Traffic Cones or Stanchions <input type="checkbox"/> Warning Signs or Placards <input checked="" type="checkbox"/> Decon Buckets, Brushes, etc. <input type="checkbox"/> Portable Ground Fault Interrupter (GFI) <input type="checkbox"/> Lockout/Tagout Equipment <input type="checkbox"/> Ventilation Equipment <input type="checkbox"/> Others:	<input checked="" type="checkbox"/> Traffic Vest <input type="checkbox"/> Personal Flotation Device (PFD) <input type="checkbox"/> Fire Retardant Clothing <input type="checkbox"/> EH (Electrical Hazard) Rated Boots, Gloves, etc. <input checked="" type="checkbox"/> Noise/Hearing Protection <input type="checkbox"/> Others: Discuss/Clarify, as Appropriate:
---	--

9. H&S TRAINING/QUALIFICATIONS FOR FIELD PERSONNEL	
<input checked="" type="checkbox"/> Project-Specific H&S Orientation (Required for All Projects/Staff) <input checked="" type="checkbox"/> OSHA 40-Hour HAZWOPER/8 Hour Refreshers <input checked="" type="checkbox"/> Hazard Communication (for project-specific chemical products) <input checked="" type="checkbox"/> First Aid/CPR (required for HAZWOPER for at least one individual on site) <input checked="" type="checkbox"/> Current Medical Clearance Letter (required for HAZWOPER) <input type="checkbox"/> OSHA 10-hour Construction Safety Training <input type="checkbox"/> Fall Protection Training <input type="checkbox"/> Trenching & Excavation	<input type="checkbox"/> Lockout/Tagout Training <input type="checkbox"/> Electrical Safety Training <input type="checkbox"/> Bloodborne Pathogen Training <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Discuss/Clarify, as needed:	

10. PERSONNEL AND EQUIPMENT DECONTAMINATION (SECTION ONLY REQUIRED FOR HAZWOPER SITES)	
Describe personnel decontamination procedures for the project site, including "dry decon" (simple removal of PPE)	GZA PPE will be disposed of in off-site garbage dumpsters. Equipment requiring decon will be washed withalconox and DI water.



11. PROJECT PERSONNEL - ROLES AND RESPONSIBILITIES		
GZA ON-SITE PERSONNEL:		
Name(s)	Project Title/Assigned Role	Telephone Numbers
Casey McGuffy	Site Supervisor	Work: 973-774-3325 Cell: 862-268-0480
Casey McGuffy	Field Safety Officer	Work: 973-774-3325 Cell: 862-268-0480
Casey McGuffy	First Aid Personnel	Work: 973-774-3325 Cell: 862-268-0480
Lisa Do	GZA Project Team Members	Work: 973-774-3322 Cell: 973-309-0801
<p>Site Supervisors and Project Managers (SS/PM): Responsibility for compliance with GZA Health and Safety programs, policies, procedures and applicable laws and regulations is shared by all GZA management and supervisory personnel. This includes the need for effective oversight and supervision of project staff necessary to control the Health and Safety aspects of GZA on-site activities.</p> <p>Field Safety Officer (FSO): The FSO is responsible for implementation of the Site Specific Health and Safety Plan.</p> <p>First Aid Personnel: At least one individual designated by GZA who has current training and certification in basic first aid and cardiopulmonary resuscitation (CPR) must be present during on-site activities involving multiple GZA personnel at HAZWOPER sites.</p> <p>GZA Project Team: Follow instructions relayed by the HASP and GZA manager on-site.</p>		

GZA SITE-SPECIFIC HEALTH, SAFETY & ACCIDENT PREVENTION STANDARD-PLAN

OTHER PROJECT PERSONNEL:		
Name	Project Title/Assigned Role	Telephone Numbers
David Winslow	Principal-in-Charge	Work: 973-774-3307 Cell: 347-242-7107
Sandra Huber	Project Manager	Work: 973-774-3304 Cell: 201-213-1045
Lauren Schoenemann	Health and Safety Coordinator (HSC)	Work: 973-774-3308 Cell: 201-274-4622
Richard Ecord	GZA EHS Director	Work: 781-278-3809 Cell: 404-234-2834
<p>Principal-in-Charge: Responsible of overall project oversight, including responsibility for Health and Safety.</p> <p>Project Manager: Responsible for day-to-day project management, including Health and Safety.</p> <p>Health and Safety Coordinator: General Health and Safety guidance and assistance.</p> <p>GZA EHS Director: H &S technical and regulatory guidance, assistance regarding GZA H&S policies and procedures.</p>		

12. PLAN ACKNOWLEDGEMENT AND APPROVALS		
GZA Project Site Worker Plan Acknowledgement		
<i>I have read, understood, and agree to abide by the information set forth in this Safety and Accident Prevention Plan. I will follow guidance in this plan and in the GZA Health and Safety Program Manual. I understand the training and medical monitoring requirements covered by the work outlined in this plan and have met those requirements.</i>		
GZA Employee Name	GZA Employee Signature	Date
Subcontractor Site Worker Plan Acknowledgement		
<i>GZA has prepared this plan solely for the purpose of protecting the health and safety of GZA employees. Subcontractors, visitors, and others at the site must refer to their organization's health and safety program or site-specific HASP for their protection. Subcontractor employees may use this plan for general informational purposes only. Subcontractor firms are obligated to comply with safety regulations applicable to their work, and understand this plan covers GZA activities only.</i>		
Subcontractor Employee Name	Subcontractor Employee Signatures	Date
GZA HASP Approval Signatures		
<i>The following individuals indicate their acknowledgement and/or approval of the contents of this Site Specific H&S Plan based on their understanding of project work activities, associated hazards and the appropriateness of health and safety measures to be implemented. A signed copy of this document must be present at the project site at all times work is being performed.</i>		

GZA SITE-SPECIFIC HEALTH, SAFETY & ACCIDENT PREVENTION STANDARD-PLAN

GZA Author/Reviewer Role	Signature	Date
HASP Preparer		1/9/2018
EHS Reviewer		2/23/2018
Principal in Charge		



APPENDIX D



February 9, 2018

Ms, Sandra Huber, LSRP
GZA
55 Lane Road, Suite 407
Fairfield, NJ 07004

Re: 180 East 132nd Street
Bronx, NY

Dear Ms. Huber:

On January 31, 2018 Goldstar Environmental Services, Inc. conducted a Ground Penetrating Radar (GPR) and metal detection survey at the above referenced site with the objective of identifying potential USTs, utilities and anomalies. Instruments used were a Fischer TW-6 metal detector and a Ramac X3M Radar system with a 250MHz antenna. The attached plan identifies individual anomalies and utilities. The only underground utility identified was a storm sewer system. There were also three large metallic anomalies.

The subject site is approximately 80 feet wide and 400 feet long. The lot is paved with asphalt. Trucks park on the two long sides with the center section used as a traffic lane. About 40% perimeter parking area was occupied at the time of the survey by cars, trucks and a vehicle maintenance area on the eastern end of the lot.

All the accessible portions of the property were first screened with GPR. The radar traces were highly variable over the site suggesting disturbed soil and urban fill. Radar also did not identify the sewer line connecting the storm drains on the western end of the lot. Both basins were filled with water preventing identification of inlets and outlets.

Three large metallic anomalies were identified with the Fischer TW-6. The anomaly at the entrance was 13 feet side by 25 feet long. This area, while now paved, was a low wet area with standing water in the most recent Google satellite image. The center anomaly is 66 feet long and about 6 wide. This corresponds to a road on the most recent google image. This may be a reinforced concrete ramp. The metallic anomaly on the east end of the property is irregular in shape and measures 24 feet by 40 feet at its' widest point. There was no consistent radar trace in this area to help identify the target.

If you have any questions regarding this matter, please do not hesitate to contact Robert Mourterot or myself at (908) 387-0333.

Sincerely yours,
GOLDSTAR ENVIRONMENTAL SERVICES, INC.

William Cutri-French
Remedial Services Manager



LARGE METALLIC ANOMALIES
 STORM SEWER

Google

SOURCE: Google Earth 2018



GOLDSTAR ENVIRONMENTAL SERVICES, INC

Anomaly and Utility Locations

180 East 132nd Street
Bronx, NY

Bronx		NEW YORK	
DR. BY: WCF	SCALE: NTS	AOC LOCATION	
CKD. BY: WCF	DATE: 2/9/18		



APPENDIX E

Project		180 East 132nd Street, Bronx NY		Location		180 East 132nd Street	
Project No.		12.0076605.00/12.0076605.10		Client		Carnegie Management	
Drilling Company		Goldstar Environmental Services, Inc.		Elevation and Datum		Approx.	
Drilling Equipment		Geoprobe		Drilling Method		Date Started	
Sampler		Macro Core		Date Started		2/26/18	
Sampler Hammer		Weight (lbs)		Drop (in)		Date Finished	
Drilling Foreman		Carlos Fuentes and Brian Luber		GZA Inspector		Casey McGuffey	
				Groundwater Depth (ft)		Initial ∇	
						Completion \blacktriangledown	
						24 Hours \blacktriangledown	

Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	MATERIAL SYMBOL	Sample Data			Remarks
					Number	Type	Recov. (in)	
0	0-0.5: ASPHALT	0						
0.5-1	0.5-1: Light brown/grey M SAND and GRAVEL [Fill]	0						
1	1-6: Light brown F-M SAND, some Gravel [Fill]	0			SB-1	PUSH	36	Sample SB-1 (0-2)
2		0						
3		0						
4		0						
5		0						
6	6-9: Light brown/tan F SAND, little Gravel	0			SB-1	PUSH	60	
7		0						
8		0						
9	9-10: White/grey GRAVEL	0						
10	10-11.5: White/light brown F SAND, some glass [Fill]	0						
11		0						
12	11.5-14: GRAVEL, wet [Fill]	0			SB-1	PUSH	48	Sample SB-1 (12-12.5)
13		0						Groundwater encountered at 13.05'
14		0						Refusal at 14'
15		0						
16		0						
17		0						
18		0						
19		0						
20		0						

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Project		180 East 132nd Street, Bronx NY		Location		180 East 132nd Street	
Project No.		12.0076605.00/12.0076605.10		Client		Carnegie Management	
Drilling Company		Goldstar Environmental Services, Inc.		Elevation and Datum		Approx.	
Drilling Equipment		Geoprobe		Drilling Method		Date Started	
Sampler		Macro Core		Date Started		2/26/18	
Sampler Hammer		Weight (lbs)		Drop (in)		Date Finished	
						2/26/18	
						Depth to Rock	
						7.5 ft	
				Groundwater Depth (ft)		Initial	
						Completion	
						24 Hours	
Drilling Foreman		Carlos Fuentes and Brian Luber		GZA Inspector		Casey McGuffy	
						Checked By	

Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	MATERIAL SYMBOL	Sample Data			Remarks
					Number	Type	Recov. (in)	
0	0-0.5: ASPHALT	0						
0.5	0.5-5.5: Red/brown F-M SAND	0			SB-3	PUSH	52	Sample SB-3 (1-2)
5.5	5.5-7.5: White/light grey GRAVEL [Fill]	0			SB-3	PUSH	29	Sample SB-3 (7-7.5)
7.5		0.1						Refusal at 7.5', no groundwater encountered

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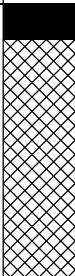


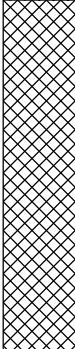
Project 180 East 132nd Street, Bronx NY			Location 180 East 132nd Street		
Project No. 12.0076605.00/12.0076605.10			Client Carnegie Management		
Drilling Company Goldstar Environmental Services, Inc.			Elevation and Datum Approx.		
Drilling Equipment Geoprobe		Drilling Method	Date Started 2/26/18		Date Finished 2/26/18
Sampler Macro Core			Final Boring Depth 13.5 ft		Depth to Rock
Sampler Hammer	Weight (lbs)	Drop (in)	Groundwater Depth (ft)	Initial ▽	Completion ▼
Drilling Foreman Carlos Fuentes and Brian Luber			GZA Inspector Casey McGuffey		Checked By

Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	MATERIAL SYMBOL	Sample Data			Remarks
					Number	Type	Recov. (in)	
0	0-0.5: ASPHALT	0						
0.5	0.5-4.5: Red/brown F-M SAND and SILT, some Gravel, moist	0			SB-4	PUSH	26	Sample SB-4 (1-2)
1		0						
2		0						
3		0						
4	4.5-5: Grey GRAVEL, dry	0						
5	5-5.5: Red/brown F-M SAND and GRAVEL	0						
5.5	5.5-5.8: Grey C GRAVEL	0						
5.8	5.8-6.5: Brown F-M SAND and SILT	0			SB-4	PUSH	60	
6.5	6.5-8: Grey M SAND and SILT	0						
8	8-9: White/light grey GRAVEL	0						
9	9-10: Brown F-M SAND	0						
10	10-13.5: Light brown F-M SAND, some Gravel [Fill]	0			SB-4	PUSH	42	Groundwater encountered at 11.27'
11		0						
12		0						
13		0						
13.5		0						Sample SB-4 (13-13.5)
14								Refusal at 13.5'

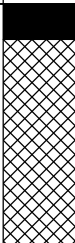
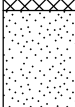

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Project		180 East 132nd Street, Bronx NY		Location		180 East 132nd Street	
Project No.		12.0076605.00/12.0076605.10		Client		Carnegie Management	
Drilling Company		Goldstar Environmental Services, Inc.		Elevation and Datum		Approx.	
Drilling Equipment		Geoprobe		Drilling Method		Date Started	
Sampler		Macro Core		Date Started		2/26/18	
Sampler Hammer		Weight (lbs)		Drop (in)		Date Finished	
Drilling Foreman		Carlos Fuentes and Brian Luber		Groundwater Depth (ft)		Initial	
				GZA Inspector		Casey McGuffy	
				Completion		2/26/18	
				24 Hours		24 Hours	

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Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	MATERIAL SYMBOL	Sample Data			Remarks
					Number	Type	Recov. (in)	
0	0-0.5: ASPHALT	0						
0.5	0.5-4: Red Brick fragments, little Sand, little Gravel [Fill]	0			SB-5	PUSH	57	Sample SB-5 (1-2)
1								
2								
3								
4	4-4.5: White/light grey GRAVEL	0						
4.5	4.5-5: Red Brick and grey Sand [Fill]	0						
5	5-10: Red Brick and grey/brown M-C Sand and Gravel [Fill]	0			SB-5	PUSH	53	Groundwater encountered at 8.81' Sample SB-5 (9.5-10) Refusal at 10'
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

Project 180 East 132nd Street, Bronx NY			Location 180 East 132nd Street		
Project No. 12.0076605.00/12.0076605.10			Client Carnegie Management		
Drilling Company Goldstar Environmental Services, Inc.			Elevation and Datum Approx.		
Drilling Equipment Geoprobe		Drilling Method	Date Started 2/26/18		Date Finished 2/26/18
Sampler Macro Core			Final Boring Depth 10 ft		Depth to Rock
Sampler Hammer	Weight (lbs)	Drop (in)	Groundwater Depth (ft)	Initial ▽	Completion ▼
Drilling Foreman Carlos Fuentes and Brian Luber			GZA Inspector Casey McGuffy		Checked By

Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	MATERIAL SYMBOL	Sample Data			Remarks
					Number	Type	Recov. (in)	
0	0-0.5: ASPHALT	0						
0.5	0.5-3.5: Brick fragments, some Gravel, some Sand [Fill]	0			SB-6	PUSH	39	Sample SB-6 (1-2)
1								
2								
3								
3.5	3.5-5: Brown F-M SAND, moist	0			SB-6	PUSH	49	Groundwater encountered at 3.46'
4								
5	5-10: Light brown/grey F-M SAND, some Clay, moist	0			SB-6	PUSH	49	Sample SB-6 (9.5-10)
6								
7								
8								
9								
10								Refusal at 10'
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

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Project		180 East 132nd Street, Bronx NY		Location		180 East 132nd Street	
Project No.		12.0076605.00/12.0076605.10		Client		Carnegie Management	
Drilling Company		Goldstar Environmental Services, Inc.		Elevation and Datum		Approx.	
Drilling Equipment		Geoprobe		Drilling Method		Date Started	
Sampler		Macro Core		Date Started		2/27/18	
Sampler Hammer		Weight (lbs)		Drop (in)		Date Finished	
						2/27/18	
						Final Boring Depth	
						5.5 ft	
						Depth to Rock	
Drilling Foreman		Carlos Fuentes and Brian Luber		Groundwater Depth (ft)		Initial	
						Completion	
						24 Hours	
				GZA Inspector		Checked By	
				Casey McGuffey			

Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	MATERIAL SYMBOL	Sample Data			Remarks
					Number	Type	Recov. (in)	
0	0-0.5: ASPHALT	0						
0.5-2	0.5-2: Brick fragments, some brown F-M Sand, some Gravel [Fill]	0						Sample SB-7 (0.5-1)
2-2.5	2-2.5: Brown M-C SAND, some Gravel	0						
2.5-4.3	2.5-4.3: White/light grey GRAVEL	0			SB-7	PUSH	60	
4.3-5	4.3-5: Brown M-C SAND, some Gravel	0						Sample SB-7 (4.5-5)
5-5.5	5-5.5: CONCRETE	0			SB-7	PUSH	6	Refusal at 5.5', no groundwater encountered
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

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Project 180 East 132nd Street, Bronx NY			Location 180 East 132nd Street		
Project No. 12.0076605.00/12.0076605.10			Client Carnegie Management		
Drilling Company Goldstar Environmental Services, Inc.			Elevation and Datum Approx.		
Drilling Equipment Geoprobe		Drilling Method	Date Started 2/27/18		Date Finished 2/27/18
Sampler Macro Core			Final Boring Depth 14.1 ft		Depth to Rock
Sampler Hammer	Weight (lbs)	Drop (in)	Groundwater Depth (ft)	Initial ▽	Completion ▼
Drilling Foreman Carlos Fuentes and Brian Luber			GZA Inspector Casey McGuffey		Checked By

Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	MATERIAL SYMBOL	Sample Data			Remarks
					Number	Type	Recov. (in)	
0	0-1: Brown F-M Sand and Clay, some Gravel [Fill]	0						
1	1-1.3: White GRAVEL	0						Sample SB-9 (1-2)
1.3-5	1.3-5: Dark brown/black M Sand, Clay, and Gravel [Fill]	0			SB-9	PUSH	49	
2		0						
3		0						
4		0						
5	5-6: Gravel [Fill]	0						
6	6-10: Dark brown M SAND, some C Gravel	0						
7		0			SB-9	PUSH	25	
8		0						
9		0						
10	10-10.5: Dark brown M SAND and CLAY, moist	0						Groundwater encountered at 10.47'
10.5-13.5	10.5-13.5: Brown F SAND, SILT, and CLAY, wet	0						
11		0						
12		0						
13		0						
13.5-14.1	13.5-14.1: Brown F SAND and SILT, moist	0			SB-9	PUSH	39	Sample SB-9 (13.5-14) Refusal at 14.1'
14		0						
15		0						
16		0						
17		0						
18		0						
19		0						
20		0						

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Project 180 East 132nd Street, Bronx NY			Location 180 East 132nd Street		
Project No. 12.0076605.00/12.0076605.10			Client Carnegie Management		
Drilling Company Goldstar Environmental Services, Inc.			Elevation and Datum Approx.		
Drilling Equipment Geoprobe		Drilling Method	Date Started 2/27/18		Date Finished 2/27/18
Sampler Macro Core			Final Boring Depth 10 ft		Depth to Rock
Sampler Hammer	Weight (lbs)	Drop (in)	Groundwater Depth (ft)	Initial ▽	Completion ▼
Drilling Foreman Carlos Fuentes and Brian Luber			GZA Inspector Casey McGuffy		Checked By

Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	Sample Data			Remarks
				MATERIAL SYMBOL	Number	Type	
0	0-0.5: ASPHALT	0					
0.5-2.5	0.5-2.5: Black/brown M-C Sand and Gravel, some mica flakes [Fill]	0					
2.5-3	2.5-3: Grey/black M SAND and GRAVEL	0					
3-5	3-5: Brick fragments, some black/brown M Sand and Gravel [Fill]	0					
5-8	5-8: Dark grey SILT and CLAY, wet	0					
8-10	8-10: Light brown/grey SILT and CLAY, moist	0					
10							Sample SB-10 (1-2)
							Groundwater encountered at 3'
							Sample SB-10 (9.5-10)
							Refusal at 10'

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Project		180 East 132nd Street, Bronx NY		Location		180 East 132nd Street	
Project No.		12.0076605.00/12.0076605.10		Client		Carnegie Management	
Drilling Company		Goldstar Environmental Services, Inc.		Elevation and Datum		Approx.	
Drilling Equipment		Geoprobe		Drilling Method		Date Started	
Sampler		Macro Core		Date Started		6/12/18	
Sampler Hammer		Weight (lbs)		Drop (in)		Date Finished	
Drilling Foreman		Darin McDowell and Brian Luber		Groundwater Depth (ft)		Initial ▽	
				GZA Inspector		Casey McGuffey	
				Completion ▼		24 Hours ▼	
				Checked By			

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Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	MATERIAL SYMBOL	Sample Data			Remarks
					Number	Type	Recov. (in)	
0	0-0.5: ASPHALT	0						Sample SB-12 (0-1)
0.5	0.5-2.5: Brown, F-M SAND and GRAVEL	0			SB-12	PUSH	35	
1		0						
2		0						
2.5	2.5-3.5: White/grey, GRAVEL	0						
3		0						
3.5	3.5-4.5: Brown, F-M SAND, large grey Gravel at 4.5'	0						Refusal at 4.5'
4		0						
5		0						
6		0						
7		0						
8		0						
9		0						
10		0						
11		0						
12		0						
13		0						
14		0						
15		0						
16		0						
17		0						
18		0						
19		0						
20		0						

Project		180 East 132nd Street, Bronx NY		Location		180 East 132nd Street	
Project No.		12.0076605.00/12.0076605.10		Client		Carnegie Management	
Drilling Company		Goldstar Environmental Services, Inc.		Elevation and Datum		Approx.	
Drilling Equipment		Geoprobe		Drilling Method		Date Started	
Sampler		Macro Core		Date Started		6/12/18	
Sampler Hammer		Weight (lbs)		Drop (in)		Date Finished	
						6/12/18	
						Depth to Rock	
						10 ft	
				Groundwater Depth (ft)		Initial	
						Completion	
						24 Hours	
Drilling Foreman		Darin McDowell and Brian Luber		GZA Inspector		Casey McGuffy	
						Checked By	

Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	MATERIAL SYMBOL	Sample Data			Remarks
					Number	Type	Recov. (in)	
0	0-0.5: ASPHALT	0.1						
0.5	0.5-1.5: Brown/grey, F-M SAND, some Gravel [Fill]	0.2						Sample SB-13 (1-2)
1.5	1.5-1.8: Brick layer [Fill]	0.1						
1.8	1.8-2.5: Brown, F-M SAND [Fill]	0.3						
2.5	2.5-3: Grey, F-M SAND [Fill]	0.1						
3	3-5: Black, F SAND [Fill]	0.1						Sample SB-13 (3-4)
5	5-5.5: Brown/grey, F-M SAND [Fill]	0.2						Sample SB-13 (5-6)
5.5	5.5-10: Tan, F SAND	0.2						
6		0.1						
7		0.1						Sample SB-13 (7-8)
8		0.1						
9		0.1						Sample SB-13 (9-10)
10		0						End of boring 10'

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Project		180 East 132nd Street, Bronx NY		Location		180 East 132nd Street	
Project No.		12.0076605.00/12.0076605.10		Client		Carnegie Management	
Drilling Company		Goldstar Environmental Services, Inc.		Elevation and Datum		Approx.	
Drilling Equipment		Geoprobe		Drilling Method		Date Started	
Sampler		Macro Core		Date Started		6/12/18	
Sampler Hammer		Weight (lbs)		Drop (in)		Date Finished	
Drilling Foreman		Darin McDowell and Brian Luber		Groundwater Depth (ft)		Initial	
				GZA Inspector		Casey McGuffey	
				Completion		24 Hours	

Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	MATERIAL SYMBOL	Sample Data			Remarks
					Number	Type	Recov. (in)	
0	0-0.5: ASPHALT	0						Sample SB-14 (0-1)
0.5-2	Brown, F SAND	0						
2-2.5	Brown/grey, M SAND, some Gravel	0						
2.5-5	Brown, F SAND	0			SB-14	PUSH	52	
5-10	Brown, F-M SAND	0						
10		0			SB-14	PUSH	60	
11		0						
12		0						
13		0						
14		0						
15		0						
16		0						
17		0						
18		0						
19		0						
20		0						Refusal at 10'

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Project 180 East 132nd Street, Bronx NY			Location 180 East 132nd Street		
Project No. 12.0076605.00/12.0076605.10			Client Carnegie Management		
Drilling Company Goldstar Environmental Services, Inc.			Elevation and Datum Approx.		
Drilling Equipment Geoprobe		Drilling Method	Date Started 6/12/18		Date Finished 6/12/18
Sampler Macro Core			Final Boring Depth 10 ft		Depth to Rock
Sampler Hammer	Weight (lbs)	Drop (in)	Groundwater Depth (ft)	Initial ▽	Completion ▼
Drilling Foreman Darin McDowell and Brian Luber			GZA Inspector Casey McGuffey		Checked By

Depth (ft)	Sample Description	PID Reading (ppm)	Elev. (ft)	MATERIAL SYMBOL	Sample Data			Remarks
					Number	Type	Recov. (in)	
0	0-0.5: ASPHALT	0.1						Sample SB-15 (0-1)
0.5	0.5-3.5: Light brown/grey, M SAND	0.1			SB-15	PUSH	42	
1		0.1						
2		0.2						
3		0.2						
3.5	3.5-5: Black, M SAND, little Brick [Fill]	0.1						
4		0.1						
5	5-6: Brown/grey, GRAVEL and M SAND [Fill]	0.1						
6		0.1						
6.5	6-7.5: Light grey, M SAND and GRAVEL [Fill]	0.1			SB-15	PUSH	60	
7		0.1						
7.5	7.5-8.5: Brown, M SAND [Fill]	0						
8		0.1						
8.5	8.5-10: Brown/black, F-M SAND, trace Gravel, moist	0.1						
9		0.1						
10		0.1						End of boring 10'
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

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APPENDIX F



ANALYTICAL REPORT

Lab Number:	L1904417
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Sandra Huber
Phone:	(973) 774-3300
Project Name:	CARNEGIE MANAGEMENT
Project Number:	12.0076605.10
Report Date:	02/11/19

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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



Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1904417-01	SB-17 (2')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 10:35	02/04/19
L1904417-02	SB-17 (4')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 10:37	02/04/19
L1904417-03	SB-17 (6')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 10:40	02/04/19
L1904417-04	SB-17 (8')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 10:42	02/04/19
L1904417-05	SB-17 (10')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 10:44	02/04/19
L1904417-06	SB-16 (2')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 11:07	02/04/19
L1904417-07	SB-16 (4')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 11:09	02/04/19
L1904417-08	SB-16 (6')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 11:13	02/04/19
L1904417-09	SB-16 (8')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 11:15	02/04/19
L1904417-10	SB-16 (10')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 11:19	02/04/19
L1904417-11	SB-16 (12')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 11:21	02/04/19
L1904417-12	SB-16 (14')	SOIL	180 E 132ND STREET, BRONX, NY	02/04/19 11:23	02/04/19
L1904417-13	FIELD BLANK	WATER	180 E 132ND STREET, BRONX, NY	02/04/19 11:25	02/04/19

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

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. 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 Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data 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.

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 Alpha Project Manager 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 Project Management at 800-624-9220 with any questions.

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

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

L1904417-09: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

Total Metals

L1904417-01 through -12: 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:

 Melissa Cripps

Title: Technical Director/Representative

Date: 02/11/19

ORGANICS

SEMIVOLATILES

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-01
Client ID: SB-17 (2')
Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 10:35
Date Received: 02/04/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/06/19 01:09
Analyst: EK
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
Fluoranthene	ND		ug/kg	110	22.	1
Naphthalene	ND		ug/kg	190	23.	1
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	ND		ug/kg	110	19.	1
2-Methylnaphthalene	ND		ug/kg	220	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	70		30-120
4-Terphenyl-d14	57		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-02
 Client ID: SB-17 (4')
 Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 10:37
 Date Received: 02/04/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/05/19 22:22
 Analyst: EK
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	ND		ug/kg	110	21.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	79		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-03
 Client ID: SB-17 (6')
 Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 10:40
 Date Received: 02/04/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/06/19 01:56
 Analyst: EK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	ND		ug/kg	110	21.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	92		30-120
4-Terphenyl-d14	82		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-04
 Client ID: SB-17 (8')
 Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 10:42
 Date Received: 02/04/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/06/19 00:21
 Analyst: EK
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	ND		ug/kg	110	20.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	103		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	99		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-05
 Client ID: SB-17 (10')
 Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 10:44
 Date Received: 02/04/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/05/19 22:46
 Analyst: EK
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
Fluoranthene	ND		ug/kg	120	22.	1
Naphthalene	ND		ug/kg	200	24.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	20.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	83		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-06
 Client ID: SB-16 (2')
 Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 11:07
 Date Received: 02/04/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/06/19 05:29
 Analyst: EK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	490		ug/kg	110	21.	1
Naphthalene	110	J	ug/kg	180	22.	1
Benzo(a)anthracene	320		ug/kg	110	20.	1
Benzo(a)pyrene	280		ug/kg	150	45.	1
Benzo(b)fluoranthene	430		ug/kg	110	31.	1
Benzo(k)fluoranthene	110		ug/kg	110	29.	1
Chrysene	330		ug/kg	110	19.	1
Acenaphthylene	78	J	ug/kg	150	28.	1
Anthracene	82	J	ug/kg	110	36.	1
Benzo(ghi)perylene	210		ug/kg	150	22.	1
Fluorene	27	J	ug/kg	180	18.	1
Phenanthrene	300		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	50	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	210		ug/kg	150	25.	1
Pyrene	480		ug/kg	110	18.	1
2-Methylnaphthalene	110	J	ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	60		30-120
4-Terphenyl-d14	52		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-07
 Client ID: SB-16 (4')
 Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 11:09
 Date Received: 02/04/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/08/19 15:42
 Analyst: EK
 Percent Solids: 88%

Extraction Method: EPA 3546
 Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	20	J	ug/kg	150	19.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
Fluoranthene	500		ug/kg	110	21.	1
Naphthalene	84	J	ug/kg	190	23.	1
Benzo(a)anthracene	350		ug/kg	110	21.	1
Benzo(a)pyrene	320		ug/kg	150	45.	1
Benzo(b)fluoranthene	460		ug/kg	110	31.	1
Benzo(k)fluoranthene	150		ug/kg	110	30.	1
Chrysene	360		ug/kg	110	19.	1
Acenaphthylene	63	J	ug/kg	150	29.	1
Anthracene	80	J	ug/kg	110	36.	1
Benzo(ghi)perylene	230		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	300		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	57	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	230		ug/kg	150	26.	1
Pyrene	460		ug/kg	110	18.	1
2-Methylnaphthalene	83	J	ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	71		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-08
Client ID: SB-16 (6')
Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 11:13
Date Received: 02/04/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/06/19 06:18
Analyst: EK
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	66	J	ug/kg	140	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	2100		ug/kg	110	21.	1
Naphthalene	280		ug/kg	180	22.	1
Benzo(a)anthracene	1100		ug/kg	110	20.	1
Benzo(a)pyrene	930		ug/kg	140	44.	1
Benzo(b)fluoranthene	1200		ug/kg	110	31.	1
Benzo(k)fluoranthene	430		ug/kg	110	29.	1
Chrysene	1100		ug/kg	110	19.	1
Acenaphthylene	270		ug/kg	140	28.	1
Anthracene	510		ug/kg	110	36.	1
Benzo(ghi)perylene	480		ug/kg	140	21.	1
Fluorene	160	J	ug/kg	180	18.	1
Phenanthrene	1700		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	130		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	550		ug/kg	140	25.	1
Pyrene	1900		ug/kg	110	18.	1
2-Methylnaphthalene	86	J	ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	68		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-09
 Client ID: SB-16 (8')
 Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 11:15
 Date Received: 02/04/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 02/06/19 01:33
 Analyst: EK
 Percent Solids: 87%

Extraction Method: EPA 3546
 Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	460	60.	1
2-Chloronaphthalene	ND		ug/kg	580	57.	1
Fluoranthene	ND		ug/kg	340	66.	1
Naphthalene	ND		ug/kg	580	70.	1
Benzo(a)anthracene	ND		ug/kg	340	65.	1
Benzo(a)pyrene	ND		ug/kg	460	140	1
Benzo(b)fluoranthene	ND		ug/kg	340	97.	1
Benzo(k)fluoranthene	ND		ug/kg	340	92.	1
Chrysene	ND		ug/kg	340	60.	1
Acenaphthylene	ND		ug/kg	460	89.	1
Anthracene	ND		ug/kg	340	110	1
Benzo(ghi)perylene	ND		ug/kg	460	68.	1
Fluorene	ND		ug/kg	580	56.	1
Phenanthrene	ND		ug/kg	340	70.	1
Dibenzo(a,h)anthracene	ND		ug/kg	340	66.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	460	80.	1
Pyrene	ND		ug/kg	340	57.	1
2-Methylnaphthalene	ND		ug/kg	690	69.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	57		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-10
Client ID: SB-16 (10')
Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 11:19
Date Received: 02/04/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/06/19 00:45
Analyst: EK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	ND		ug/kg	110	21.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	93		30-120
4-Terphenyl-d14	103		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-11
Client ID: SB-16 (12')
Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 11:21
Date Received: 02/04/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/05/19 23:34
Analyst: EK
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	ND		ug/kg	110	21.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	75		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-12
Client ID: SB-16 (14')
Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 11:23
Date Received: 02/04/19
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 02/05/19 23:10
Analyst: EK
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 02/05/19 08:05

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
Fluoranthene	ND		ug/kg	120	23.	1
Naphthalene	ND		ug/kg	200	25.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	91		30-120
4-Terphenyl-d14	102		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-13
 Client ID: FIELD BLANK
 Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 11:25
 Date Received: 02/04/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 02/06/19 16:38
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 02/05/19 15:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	57		15-120
4-Terphenyl-d14	66		41-149

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270D
Analytical Date: 02/05/19 22:18
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 02/05/19 08:01

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-12 Batch: WG1203801-1					
Acenaphthene	ND		ug/kg	130	17.
2-Chloronaphthalene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	97	19.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
2-Methylnaphthalene	ND		ug/kg	190	20.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	73		30-120
4-Terphenyl-d14	73		18-120

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 02/06/19 10:49
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 02/05/19 11:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 13 Batch: WG1203893-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	73		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-12 Batch: WG1203801-2 WG1203801-3								
Acenaphthene	62		56		31-137	10		50
2-Chloronaphthalene	59		53		40-140	11		50
Fluoranthene	58		52		40-140	11		50
Naphthalene	58		51		40-140	13		50
Benzo(a)anthracene	61		55		40-140	10		50
Benzo(a)pyrene	65		58		40-140	11		50
Benzo(b)fluoranthene	62		55		40-140	12		50
Benzo(k)fluoranthene	62		56		40-140	10		50
Chrysene	60		54		40-140	11		50
Acenaphthylene	60		54		40-140	11		50
Anthracene	58		52		40-140	11		50
Benzo(ghi)perylene	57		51		40-140	11		50
Fluorene	64		58		40-140	10		50
Phenanthrene	56		50		40-140	11		50
Dibenzo(a,h)anthracene	56		50		40-140	11		50
Indeno(1,2,3-cd)pyrene	58		53		40-140	9		50
Pyrene	58		52		35-142	11		50
2-Methylnaphthalene	58		51		40-140	13		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

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): 01-12 Batch: WG1203801-2 WG1203801-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Nitrobenzene-d5	70		63		23-120
2-Fluorobiphenyl	63		55		30-120
4-Terphenyl-d14	61		54		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 13 Batch: WG1203893-2 WG1203893-3								
Acenaphthene	54		58		40-140	7		40
2-Chloronaphthalene	56		58		40-140	4		40
Fluoranthene	68		72		40-140	6		40
Naphthalene	52		54		40-140	4		40
Benzo(a)anthracene	63		65		40-140	3		40
Benzo(a)pyrene	66		68		40-140	3		40
Benzo(b)fluoranthene	66		69		40-140	4		40
Benzo(k)fluoranthene	68		71		40-140	4		40
Chrysene	64		68		40-140	6		40
Acenaphthylene	59		61		40-140	3		40
Anthracene	63		68		40-140	8		40
Benzo(ghi)perylene	66		68		40-140	3		40
Fluorene	60		64		40-140	6		40
Phenanthrene	60		65		40-140	8		40
Dibenzo(a,h)anthracene	69		71		40-140	3		40
Indeno(1,2,3-cd)pyrene	69		71		40-140	3		40
Pyrene	70		73		40-140	4		40
2-Methylnaphthalene	55		58		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

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): 13 Batch: WG1203893-2 WG1203893-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		45		21-120
Phenol-d6	38		39		10-120
Nitrobenzene-d5	53		55		23-120
2-Fluorobiphenyl	52		54		15-120
2,4,6-Tribromophenol	67		70		10-120
4-Terphenyl-d14	66		67		41-149

METALS

Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-01

Date Collected: 02/04/19 10:35

Client ID: SB-17 (2')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8320		mg/kg	8.94	2.41	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.47	0.340	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Arsenic, Total	2.19		mg/kg	0.894	0.186	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Barium, Total	77.2		mg/kg	0.894	0.156	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Beryllium, Total	0.241	J	mg/kg	0.447	0.030	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Cadmium, Total	0.089	J	mg/kg	0.894	0.088	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Calcium, Total	3750		mg/kg	8.94	3.13	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Chromium, Total	19.7		mg/kg	0.894	0.086	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Cobalt, Total	7.14		mg/kg	1.79	0.148	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Copper, Total	31.8		mg/kg	0.894	0.231	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Iron, Total	14600		mg/kg	4.47	0.807	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Lead, Total	130		mg/kg	4.47	0.240	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Magnesium, Total	4200		mg/kg	8.94	1.38	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Manganese, Total	202		mg/kg	0.894	0.142	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Mercury, Total	0.321		mg/kg	0.072	0.015	1	02/06/19 04:15	02/06/19 19:00	EPA 7471B	1,7471B	EA
Nickel, Total	12.5		mg/kg	2.23	0.216	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Potassium, Total	1590		mg/kg	223	12.9	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Selenium, Total	0.921	J	mg/kg	1.79	0.231	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.894	0.253	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Sodium, Total	204		mg/kg	179	2.82	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.79	0.282	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Vanadium, Total	28.0		mg/kg	0.894	0.181	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC
Zinc, Total	142		mg/kg	4.47	0.262	2	02/05/19 20:40	02/06/19 17:40	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-02

Date Collected: 02/04/19 10:37

Client ID: SB-17 (4')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13600		mg/kg	8.83	2.38	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.42	0.336	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Arsenic, Total	1.08		mg/kg	0.883	0.184	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Barium, Total	82.5		mg/kg	0.883	0.154	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Beryllium, Total	0.371	J	mg/kg	0.442	0.029	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.883	0.087	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Calcium, Total	1060		mg/kg	8.83	3.09	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Chromium, Total	38.0		mg/kg	0.883	0.085	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Cobalt, Total	12.5		mg/kg	1.77	0.146	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Copper, Total	28.2		mg/kg	0.883	0.228	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Iron, Total	22000		mg/kg	4.42	0.797	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Lead, Total	6.26		mg/kg	4.42	0.237	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Magnesium, Total	8220		mg/kg	8.83	1.36	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Manganese, Total	335		mg/kg	0.883	0.140	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.069	0.015	1	02/06/19 04:15	02/06/19 19:02	EPA 7471B	1,7471B	EA
Nickel, Total	26.9		mg/kg	2.21	0.214	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Potassium, Total	3340		mg/kg	221	12.7	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Selenium, Total	0.380	J	mg/kg	1.77	0.228	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.883	0.250	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Sodium, Total	599		mg/kg	177	2.78	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.77	0.278	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Vanadium, Total	54.5		mg/kg	0.883	0.179	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC
Zinc, Total	63.2		mg/kg	4.42	0.259	2	02/05/19 20:40	02/06/19 17:44	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-03

Date Collected: 02/04/19 10:40

Client ID: SB-17 (6')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10500		mg/kg	8.86	2.39	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Antimony, Total	0.425	J	mg/kg	4.43	0.337	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Arsenic, Total	1.98		mg/kg	0.886	0.184	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Barium, Total	36.5		mg/kg	0.886	0.154	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Beryllium, Total	0.354	J	mg/kg	0.443	0.029	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.886	0.087	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Calcium, Total	644		mg/kg	8.86	3.10	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Chromium, Total	15.8		mg/kg	0.886	0.085	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Cobalt, Total	7.62		mg/kg	1.77	0.147	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Copper, Total	11.1		mg/kg	0.886	0.228	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Iron, Total	18600		mg/kg	4.43	0.800	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Lead, Total	8.50		mg/kg	4.43	0.237	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Magnesium, Total	3130		mg/kg	8.86	1.36	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Manganese, Total	259		mg/kg	0.886	0.141	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.072	0.015	1	02/06/19 04:15	02/06/19 19:04	EPA 7471B	1,7471B	EA
Nickel, Total	13.7		mg/kg	2.21	0.214	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Potassium, Total	616		mg/kg	221	12.8	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Selenium, Total	0.771	J	mg/kg	1.77	0.228	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.886	0.251	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Sodium, Total	90.8	J	mg/kg	177	2.79	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.77	0.279	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Vanadium, Total	19.7		mg/kg	0.886	0.180	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC
Zinc, Total	37.9		mg/kg	4.43	0.260	2	02/05/19 20:40	02/06/19 17:49	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-04

Date Collected: 02/04/19 10:42

Client ID: SB-17 (8')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4800		mg/kg	8.29	2.24	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.14	0.315	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Arsenic, Total	1.36		mg/kg	0.829	0.172	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Barium, Total	12.9		mg/kg	0.829	0.144	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Beryllium, Total	0.199	J	mg/kg	0.414	0.027	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.829	0.081	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Calcium, Total	434		mg/kg	8.29	2.90	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Chromium, Total	7.27		mg/kg	0.829	0.080	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Cobalt, Total	4.18		mg/kg	1.66	0.138	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Copper, Total	9.60		mg/kg	0.829	0.214	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Iron, Total	8140		mg/kg	4.14	0.748	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Lead, Total	4.42		mg/kg	4.14	0.222	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Magnesium, Total	1990		mg/kg	8.29	1.28	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Manganese, Total	227		mg/kg	0.829	0.132	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.068	0.014	1	02/06/19 04:15	02/06/19 19:06	EPA 7471B	1,7471B	EA
Nickel, Total	10.7		mg/kg	2.07	0.200	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Potassium, Total	426		mg/kg	207	11.9	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.66	0.214	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.829	0.234	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Sodium, Total	41.7	J	mg/kg	166	2.61	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.66	0.261	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Vanadium, Total	8.27		mg/kg	0.829	0.168	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC
Zinc, Total	23.4		mg/kg	4.14	0.243	2	02/05/19 20:40	02/06/19 17:53	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-05

Date Collected: 02/04/19 10:44

Client ID: SB-17 (10')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11100		mg/kg	9.50	2.56	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.75	0.361	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Arsenic, Total	1.69		mg/kg	0.950	0.198	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Barium, Total	25.9		mg/kg	0.950	0.165	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Beryllium, Total	0.266	J	mg/kg	0.475	0.031	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.950	0.093	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Calcium, Total	2070		mg/kg	9.50	3.32	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Chromium, Total	3.10		mg/kg	0.950	0.091	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Cobalt, Total	5.17		mg/kg	1.90	0.158	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Copper, Total	4.96		mg/kg	0.950	0.245	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Iron, Total	11500		mg/kg	4.75	0.858	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Lead, Total	1.94	J	mg/kg	4.75	0.255	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Magnesium, Total	12400		mg/kg	9.50	1.46	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Manganese, Total	126		mg/kg	0.950	0.151	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.075	0.016	1	02/06/19 04:15	02/06/19 19:08	EPA 7471B	1,7471B	EA
Nickel, Total	9.76		mg/kg	2.38	0.230	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Potassium, Total	2020		mg/kg	238	13.7	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.90	0.245	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.950	0.269	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Sodium, Total	154	J	mg/kg	190	2.99	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.90	0.299	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Vanadium, Total	14.0		mg/kg	0.950	0.193	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC
Zinc, Total	50.0		mg/kg	4.75	0.278	2	02/05/19 20:40	02/06/19 17:57	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-06

Date Collected: 02/04/19 11:07

Client ID: SB-16 (2')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7640		mg/kg	8.75	2.36	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.37	0.332	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Arsenic, Total	5.13		mg/kg	0.875	0.182	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Barium, Total	103		mg/kg	0.875	0.152	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Beryllium, Total	0.289	J	mg/kg	0.437	0.029	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Cadmium, Total	0.822	J	mg/kg	0.875	0.086	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Calcium, Total	16400		mg/kg	8.75	3.06	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Chromium, Total	16.7		mg/kg	0.875	0.084	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Cobalt, Total	7.08		mg/kg	1.75	0.145	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Copper, Total	152		mg/kg	0.875	0.226	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Iron, Total	14300		mg/kg	4.37	0.790	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Lead, Total	624		mg/kg	4.37	0.234	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Magnesium, Total	4760		mg/kg	8.75	1.35	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Manganese, Total	210		mg/kg	0.875	0.139	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Mercury, Total	0.765		mg/kg	0.071	0.015	1	02/06/19 04:15	02/06/19 19:10	EPA 7471B	1,7471B	EA
Nickel, Total	13.3		mg/kg	2.19	0.212	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Potassium, Total	1480		mg/kg	219	12.6	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Selenium, Total	0.901	J	mg/kg	1.75	0.226	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.875	0.248	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Sodium, Total	404		mg/kg	175	2.76	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.75	0.276	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Vanadium, Total	29.1		mg/kg	0.875	0.178	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC
Zinc, Total	413		mg/kg	4.37	0.256	2	02/05/19 20:40	02/06/19 18:14	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-07

Date Collected: 02/04/19 11:09

Client ID: SB-16 (4')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8780		mg/kg	8.75	2.36	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.37	0.332	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Arsenic, Total	3.34		mg/kg	0.875	0.182	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Barium, Total	110		mg/kg	0.875	0.152	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Beryllium, Total	0.245	J	mg/kg	0.437	0.029	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.875	0.086	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Calcium, Total	31700		mg/kg	8.75	3.06	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Chromium, Total	21.0		mg/kg	0.875	0.084	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Cobalt, Total	7.70		mg/kg	1.75	0.145	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Copper, Total	40.8		mg/kg	0.875	0.226	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Iron, Total	15100		mg/kg	4.37	0.790	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Lead, Total	374		mg/kg	4.37	0.234	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Magnesium, Total	12200		mg/kg	8.75	1.35	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Manganese, Total	466		mg/kg	0.875	0.139	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Mercury, Total	1.05		mg/kg	0.072	0.015	1	02/06/19 04:15	02/06/19 19:12	EPA 7471B	1,7471B	EA
Nickel, Total	13.6		mg/kg	2.19	0.212	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Potassium, Total	2190		mg/kg	219	12.6	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Selenium, Total	0.849	J	mg/kg	1.75	0.226	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.875	0.248	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Sodium, Total	307		mg/kg	175	2.76	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.75	0.276	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Vanadium, Total	28.6		mg/kg	0.875	0.178	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC
Zinc, Total	192		mg/kg	4.37	0.256	2	02/05/19 20:40	02/06/19 18:18	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-08

Date Collected: 02/04/19 11:13

Client ID: SB-16 (6')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7620		mg/kg	8.84	2.39	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.42	0.336	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Arsenic, Total	1.64		mg/kg	0.884	0.184	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Barium, Total	79.8		mg/kg	0.884	0.154	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Beryllium, Total	0.194	J	mg/kg	0.442	0.029	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.884	0.087	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Calcium, Total	26600		mg/kg	8.84	3.09	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Chromium, Total	18.7		mg/kg	0.884	0.085	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Cobalt, Total	7.66		mg/kg	1.77	0.147	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Copper, Total	32.6		mg/kg	0.884	0.228	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Iron, Total	13600		mg/kg	4.42	0.798	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Lead, Total	61.7		mg/kg	4.42	0.237	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Magnesium, Total	10200		mg/kg	8.84	1.36	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Manganese, Total	199		mg/kg	0.884	0.140	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Mercury, Total	0.208		mg/kg	0.070	0.015	1	02/06/19 04:15	02/06/19 19:18	EPA 7471B	1,7471B	EA
Nickel, Total	12.4		mg/kg	2.21	0.214	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Potassium, Total	2650		mg/kg	221	12.7	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Selenium, Total	0.831	J	mg/kg	1.77	0.228	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.884	0.250	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Sodium, Total	459		mg/kg	177	2.78	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.77	0.278	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Vanadium, Total	32.9		mg/kg	0.884	0.179	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC
Zinc, Total	67.2		mg/kg	4.42	0.259	2	02/05/19 20:40	02/06/19 18:22	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-09

Date Collected: 02/04/19 11:15

Client ID: SB-16 (8')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2780		mg/kg	9.03	2.44	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.52	0.343	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Arsenic, Total	8.10		mg/kg	0.903	0.188	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Barium, Total	36.4		mg/kg	0.903	0.157	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Beryllium, Total	0.190	J	mg/kg	0.452	0.030	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Cadmium, Total	0.154	J	mg/kg	0.903	0.089	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Calcium, Total	8690		mg/kg	9.03	3.16	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Chromium, Total	6.42		mg/kg	0.903	0.087	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Cobalt, Total	4.85		mg/kg	1.81	0.150	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Copper, Total	26.8		mg/kg	0.903	0.233	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Iron, Total	6260		mg/kg	4.52	0.816	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Lead, Total	94.3		mg/kg	4.52	0.242	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Magnesium, Total	1770		mg/kg	9.03	1.39	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Manganese, Total	111		mg/kg	0.903	0.144	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Mercury, Total	0.150		mg/kg	0.073	0.016	1	02/06/19 04:15	02/06/19 19:20	EPA 7471B	1,7471B	EA
Nickel, Total	9.80		mg/kg	2.26	0.218	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Potassium, Total	358		mg/kg	226	13.0	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Selenium, Total	0.876	J	mg/kg	1.81	0.233	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.903	0.256	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Sodium, Total	243		mg/kg	181	2.84	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.81	0.284	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Vanadium, Total	14.0		mg/kg	0.903	0.183	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC
Zinc, Total	95.6		mg/kg	4.52	0.265	2	02/05/19 20:40	02/06/19 18:26	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-10

Date Collected: 02/04/19 11:19

Client ID: SB-16 (10')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7630		mg/kg	8.59	2.32	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.30	0.326	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Arsenic, Total	0.919		mg/kg	0.859	0.179	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Barium, Total	94.7		mg/kg	0.859	0.149	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Beryllium, Total	0.481		mg/kg	0.430	0.028	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.859	0.084	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Calcium, Total	2010		mg/kg	8.59	3.01	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Chromium, Total	18.7		mg/kg	0.859	0.083	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Cobalt, Total	12.4		mg/kg	1.72	0.143	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Copper, Total	23.1		mg/kg	0.859	0.222	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Iron, Total	18400		mg/kg	4.30	0.776	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Lead, Total	8.20		mg/kg	4.30	0.230	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Magnesium, Total	4890		mg/kg	8.59	1.32	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Manganese, Total	1010		mg/kg	0.859	0.136	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.070	0.015	1	02/06/19 04:15	02/06/19 19:22	EPA 7471B	1,7471B	EA
Nickel, Total	17.6		mg/kg	2.15	0.208	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Potassium, Total	1370		mg/kg	215	12.4	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Selenium, Total	0.936	J	mg/kg	1.72	0.222	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.859	0.243	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Sodium, Total	151	J	mg/kg	172	2.71	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.72	0.271	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Vanadium, Total	28.9		mg/kg	0.859	0.174	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC
Zinc, Total	51.5		mg/kg	4.30	0.252	2	02/05/19 20:40	02/06/19 18:30	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-11

Date Collected: 02/04/19 11:21

Client ID: SB-16 (12')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6380		mg/kg	8.52	2.30	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.26	0.324	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Arsenic, Total	0.230	J	mg/kg	0.852	0.177	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Barium, Total	36.7		mg/kg	0.852	0.148	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Beryllium, Total	0.332	J	mg/kg	0.426	0.028	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.852	0.084	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Calcium, Total	25200		mg/kg	8.52	2.98	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Chromium, Total	13.3		mg/kg	0.852	0.082	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Cobalt, Total	7.54		mg/kg	1.70	0.141	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Copper, Total	17.0		mg/kg	0.852	0.220	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Iron, Total	11200		mg/kg	4.26	0.769	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Lead, Total	5.32		mg/kg	4.26	0.228	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Magnesium, Total	17400		mg/kg	8.52	1.31	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Manganese, Total	292		mg/kg	0.852	0.135	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.071	0.015	1	02/06/19 04:15	02/06/19 19:24	EPA 7471B	1,7471B	EA
Nickel, Total	11.5		mg/kg	2.13	0.206	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Potassium, Total	1550		mg/kg	213	12.3	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Selenium, Total	0.724	J	mg/kg	1.70	0.220	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.852	0.241	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Sodium, Total	133	J	mg/kg	170	2.68	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.70	0.268	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Vanadium, Total	20.7		mg/kg	0.852	0.173	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC
Zinc, Total	37.8		mg/kg	4.26	0.250	2	02/05/19 20:40	02/06/19 18:34	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-12

Date Collected: 02/04/19 11:23

Client ID: SB-16 (14')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	10400		mg/kg	9.29	2.51	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.64	0.353	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.929	0.193	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Barium, Total	51.3		mg/kg	0.929	0.162	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Beryllium, Total	0.557		mg/kg	0.464	0.031	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.929	0.091	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Calcium, Total	12400		mg/kg	9.29	3.25	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Chromium, Total	20.1		mg/kg	0.929	0.089	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Cobalt, Total	12.2		mg/kg	1.86	0.154	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Copper, Total	20.6		mg/kg	0.929	0.240	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Iron, Total	17000		mg/kg	4.64	0.839	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Lead, Total	5.94		mg/kg	4.64	0.249	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Magnesium, Total	12600		mg/kg	9.29	1.43	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Manganese, Total	521		mg/kg	0.929	0.148	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.077	0.016	1	02/06/19 04:15	02/06/19 19:26	EPA 7471B	1,7471B	EA
Nickel, Total	16.3		mg/kg	2.32	0.225	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Potassium, Total	2400		mg/kg	232	13.4	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Selenium, Total	0.539	J	mg/kg	1.86	0.240	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.929	0.263	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Sodium, Total	95.9	J	mg/kg	186	2.92	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.86	0.292	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Vanadium, Total	30.7		mg/kg	0.929	0.188	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC
Zinc, Total	62.0		mg/kg	4.64	0.272	2	02/05/19 20:40	02/06/19 18:38	EPA 3050B	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-13
 Client ID: FIELD BLANK
 Sample Location: 180 E 132ND STREET, BRONX, NY

Date Collected: 02/04/19 11:25
 Date Received: 02/04/19
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

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	0.100	0.032	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Antimony, Total	ND		mg/l	0.050	0.007	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Arsenic, Total	ND		mg/l	0.005	0.002	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Barium, Total	ND		mg/l	0.010	0.002	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Beryllium, Total	ND		mg/l	0.005	0.001	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Cadmium, Total	ND		mg/l	0.005	0.001	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Calcium, Total	0.039	J	mg/l	0.100	0.035	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Chromium, Total	ND		mg/l	0.010	0.002	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Cobalt, Total	ND		mg/l	0.020	0.002	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Copper, Total	ND		mg/l	0.010	0.002	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Iron, Total	0.011	J	mg/l	0.050	0.009	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Lead, Total	ND		mg/l	0.010	0.003	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Magnesium, Total	ND		mg/l	0.100	0.015	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Manganese, Total	ND		mg/l	0.010	0.002	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Mercury, Total	ND		mg/l	0.00020	0.00006	1	02/05/19 11:17	02/05/19 18:09	EPA 7470A	1,7470A	GD
Nickel, Total	ND		mg/l	0.025	0.002	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Potassium, Total	ND		mg/l	2.50	0.237	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Selenium, Total	ND		mg/l	0.010	0.004	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Silver, Total	ND		mg/l	0.007	0.003	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Sodium, Total	0.144	J	mg/l	2.00	0.120	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Thallium, Total	ND		mg/l	0.020	0.003	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Vanadium, Total	ND		mg/l	0.010	0.002	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC
Zinc, Total	ND		mg/l	0.050	0.002	1	02/05/19 15:06	02/05/19 22:07	EPA 3005A	1,6010D	LC



Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

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): 13 Batch: WG1203859-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	02/05/19 11:17	02/05/19 17:57	1,7470A	GD

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): 13 Batch: WG1203912-1									
Aluminum, Total	ND	mg/l	0.100	0.032	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Antimony, Total	ND	mg/l	0.050	0.007	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Arsenic, Total	ND	mg/l	0.005	0.002	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Barium, Total	ND	mg/l	0.010	0.002	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Beryllium, Total	ND	mg/l	0.005	0.001	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Cadmium, Total	ND	mg/l	0.005	0.001	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Calcium, Total	0.054 J	mg/l	0.100	0.035	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Chromium, Total	ND	mg/l	0.010	0.002	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Cobalt, Total	ND	mg/l	0.020	0.002	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Copper, Total	ND	mg/l	0.010	0.002	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Iron, Total	0.012 J	mg/l	0.050	0.009	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Lead, Total	ND	mg/l	0.010	0.003	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Magnesium, Total	ND	mg/l	0.100	0.015	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Manganese, Total	0.002 J	mg/l	0.010	0.002	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Nickel, Total	ND	mg/l	0.025	0.002	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Potassium, Total	ND	mg/l	2.50	0.237	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Selenium, Total	ND	mg/l	0.010	0.004	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Silver, Total	ND	mg/l	0.007	0.003	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Sodium, Total	ND	mg/l	2.00	0.120	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Thallium, Total	ND	mg/l	0.020	0.003	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Vanadium, Total	ND	mg/l	0.010	0.002	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC
Zinc, Total	0.002 J	mg/l	0.050	0.002	1	02/05/19 15:06	02/05/19 21:54	1,6010D	LC

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

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
Total Metals - Mansfield Lab for sample(s): 01-12 Batch: WG1203983-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Arsenic, Total	0.120	J	mg/kg	0.400	0.083	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Iron, Total	ND		mg/kg	2.00	0.361	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Sodium, Total	ND		mg/kg	80.0	1.26	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	02/05/19 20:40	02/06/19 16:22	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B



Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

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): 01-12 Batch: WG1204053-1									
Mercury, Total	ND	mg/kg	0.083	0.018	1	02/06/19 04:15	02/06/19 18:31	1,7471B	EA

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13 Batch: WG1203859-2								
Mercury, Total	110		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13 Batch: WG1203912-2					
Aluminum, Total	104	-	80-120	-	
Antimony, Total	107	-	80-120	-	
Arsenic, Total	120	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	103	-	80-120	-	
Cadmium, Total	110	-	80-120	-	
Calcium, Total	104	-	80-120	-	
Chromium, Total	104	-	80-120	-	
Cobalt, Total	101	-	80-120	-	
Copper, Total	104	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	114	-	80-120	-	
Magnesium, Total	108	-	80-120	-	
Manganese, Total	96	-	80-120	-	
Nickel, Total	104	-	80-120	-	
Potassium, Total	100	-	80-120	-	
Selenium, Total	120	-	80-120	-	
Silver, Total	112	-	80-120	-	
Sodium, Total	106	-	80-120	-	
Thallium, Total	112	-	80-120	-	
Vanadium, Total	107	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13 Batch: WG1203912-2					
Zinc, Total	111	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1203983-2 SRM Lot Number: D101-540					
Aluminum, Total	76	-	50-151	-	
Antimony, Total	144	-	3-196	-	
Arsenic, Total	92	-	83-117	-	
Barium, Total	89	-	83-118	-	
Beryllium, Total	85	-	83-117	-	
Cadmium, Total	90	-	83-117	-	
Calcium, Total	91	-	81-119	-	
Chromium, Total	90	-	81-118	-	
Cobalt, Total	91	-	84-116	-	
Copper, Total	88	-	83-116	-	
Iron, Total	79	-	62-138	-	
Lead, Total	88	-	83-117	-	
Magnesium, Total	81	-	76-124	-	
Manganese, Total	88	-	82-118	-	
Nickel, Total	90	-	82-117	-	
Potassium, Total	77	-	71-130	-	
Selenium, Total	94	-	79-121	-	
Silver, Total	81	-	80-120	-	
Sodium, Total	90	-	72-127	-	
Thallium, Total	94	-	81-119	-	
Vanadium, Total	84	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Project Number: 12.0076605.10

Lab Number: L1904417

Report Date: 02/11/19

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1203983-2 SRM Lot Number: D101-540					
Zinc, Total	90	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1204053-2 SRM Lot Number: D101-540					
Mercury, Total	93	-	65-135	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

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): 13 QC Batch ID: WG1203859-3 QC Sample: L1904278-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00438	88		-	-		75-125	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

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): 13 QC Batch ID: WG1203912-3 QC Sample: L1904417-13 Client ID: FIELD BLANK									
Aluminum, Total	ND	2	2.05	102	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.536	107	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.141	118	-	-	75-125	-	20
Barium, Total	ND	2	2.01	100	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.052	105	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.056	109	-	-	75-125	-	20
Calcium, Total	0.039J	10	10.5	105	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.210	105	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.500	100	-	-	75-125	-	20
Copper, Total	ND	0.25	0.257	103	-	-	75-125	-	20
Iron, Total	0.011J	1	1.06	106	-	-	75-125	-	20
Lead, Total	ND	0.51	0.569	112	-	-	75-125	-	20
Magnesium, Total	ND	10	11.0	110	-	-	75-125	-	20
Manganese, Total	ND	0.5	0.480	96	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.513	103	-	-	75-125	-	20
Potassium, Total	ND	10	10.1	101	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.143	119	-	-	75-125	-	20
Silver, Total	ND	0.05	0.056	112	-	-	75-125	-	20
Sodium, Total	0.144J	10	10.7	107	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.131	109	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.542	108	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

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): 13 QC Batch ID: WG1203912-3 QC Sample: L1904417-13 Client ID: FIELD BLANK									
Zinc, Total	ND	0.5	0.549	110	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Lab Number: L1904417
Report Date: 02/11/19

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): 01-12 QC Batch ID: WG1203983-3 WG1203983-4 QC Sample: L1904419-02 Client ID: MS Sample											
Aluminum, Total	7900	176	9510	915	Q	9840	1050	Q	75-125	3	20
Antimony, Total	0.471J	44	35.2	80		37.5	81		75-125	6	20
Arsenic, Total	3.81	10.6	12.9	86		14.9	100		75-125	14	20
Barium, Total	52.7	176	220	95		232	97		75-125	5	20
Beryllium, Total	0.545	4.4	4.38	87		4.57	87		75-125	4	20
Cadmium, Total	ND	4.48	3.16	70	Q	3.45	73	Q	75-125	9	20
Calcium, Total	20700	879	23000	262	Q	22700	216	Q	75-125	1	20
Chromium, Total	17.1	17.6	33.3	92		35.6	100		75-125	7	20
Cobalt, Total	8.93	44	45.4	83		48.7	86		75-125	7	20
Copper, Total	11.1	22	34.6	107		31.2	87		75-125	10	20
Iron, Total	20800	87.9	21200	455	Q	22200	1510	Q	75-125	5	20
Lead, Total	9.82	44.8	46.8	82		50.3	86		75-125	7	20
Magnesium, Total	6100	879	7710	183	Q	7200	119		75-125	7	20
Manganese, Total	460	44	545	193	Q	527	145	Q	75-125	3	20
Nickel, Total	17.5	44	53.6	82		57.4	86		75-125	7	20
Potassium, Total	1660	879	2950	147	Q	3100	156	Q	75-125	5	20
Selenium, Total	0.526J	10.6	10.7	101		11.2	101		75-125	5	20
Silver, Total	ND	26.4	25.7	97		27.0	97		75-125	5	20
Sodium, Total	1700	879	2570	99		2710	109		75-125	5	20
Thallium, Total	ND	10.6	8.64	82		9.33	84		75-125	8	20
Vanadium, Total	25.6	44	66.6	93		70.7	97		75-125	6	20

Matrix Spike Analysis Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

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): 01-12 QC Batch ID: WG1203983-3 WG1203983-4 QC Sample: L1904419-02 Client ID: MS Sample									
Zinc, Total	45.6	44	82.5	84	87.3	90	75-125	6	20
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1204053-3 QC Sample: L1900002-26 Client ID: MS Sample									
Mercury, Total	0.249	0.125	0.807	445	Q	-	80-120	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Project Number: 12.0076605.10

Lab Number: L1904417

Report Date: 02/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG1203859-4 QC Sample: L1904278-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Project Number: 12.0076605.10

Lab Number: L1904417

Report Date: 02/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG1203912-4 QC Sample: L1904417-13 Client ID: FIELD BLANK					
Aluminum, Total	ND	ND	mg/l	NC	20
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	ND	ND	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	0.039J	0.042J	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Cobalt, Total	ND	ND	mg/l	NC	20
Copper, Total	ND	ND	mg/l	NC	20
Iron, Total	0.011J	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	ND	ND	mg/l	NC	20
Manganese, Total	ND	ND	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Potassium, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	0.144J	0.134J	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Project Number: 12.0076605.10

Lab Number: L1904417

Report Date: 02/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 13 QC Batch ID: WG1203912-4 QC Sample: L1904417-13 Client ID: FIELD BLANK					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1204053-4 QC Sample: L1900002-26 Client ID: DUP Sample					
Mercury, Total	0.249	0.855	mg/kg	110 Q	20

INORGANICS & MISCELLANEOUS

Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

SAMPLE RESULTS

Lab ID: L1904417-01

Date Collected: 02/04/19 10:35

Client ID: SB-17 (2')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-02

Date Collected: 02/04/19 10:37

Client ID: SB-17 (4')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-03

Date Collected: 02/04/19 10:40

Client ID: SB-17 (6')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-04

Date Collected: 02/04/19 10:42

Client ID: SB-17 (8')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-05

Date Collected: 02/04/19 10:44

Client ID: SB-17 (10')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.4		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-06

Date Collected: 02/04/19 11:07

Client ID: SB-16 (2')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-07

Date Collected: 02/04/19 11:09

Client ID: SB-16 (4')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.4		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-08

Date Collected: 02/04/19 11:13

Client ID: SB-16 (6')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-09

Date Collected: 02/04/19 11:15

Client ID: SB-16 (8')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-10

Date Collected: 02/04/19 11:19

Client ID: SB-16 (10')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.4		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-11

Date Collected: 02/04/19 11:21

Client ID: SB-16 (12')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT**Lab Number:** L1904417**Project Number:** 12.0076605.10**Report Date:** 02/11/19**SAMPLE RESULTS**

Lab ID: L1904417-12

Date Collected: 02/04/19 11:23

Client ID: SB-16 (14')

Date Received: 02/04/19

Sample Location: 180 E 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.9		%	0.100	NA	1	-	02/05/19 12:56	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT

Project Number: 12.0076605.10

Lab Number: L1904417

Report Date: 02/11/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-12 QC Batch ID: WG1203909-1 QC Sample: L1904417-01 Client ID: SB-17 (2')						
Solids, Total	87.8	87.9	%	0		20

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Serial_No:02111914:20
Lab Number: L1904417
Report Date: 02/11/19

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(*)
L1904417-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-01B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L1904417-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-02B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L1904417-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-03B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L1904417-04A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-04B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L1904417-05A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-05B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days



Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

Project Number: 12.0076605.10

Report Date: 02/11/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1904417-06A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-06B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L1904417-07A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-07B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L1904417-08A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-08B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L1904417-09A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-09B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L1904417-10A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-10B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L1904417-11A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-11B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)

Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

Serial_No:02111914:20
Lab Number: L1904417
Report Date: 02/11/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1904417-12A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.7	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)
L1904417-12B	Glass 120ml/4oz unpreserved	A	NA		4.7	Y	Absent		NYTCL-8270(14),TS(7)
L1904417-13A	Plastic 250ml HNO3 preserved	A	<2	<2	4.7	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)
L1904417-13B	Amber 250ml unpreserved	A	7	7	4.7	Y	Absent		NYTCL-8270-SIM-LVI(7)
L1904417-13C	Amber 250ml unpreserved	A	7	7	4.7	Y	Absent		NYTCL-8270-SIM-LVI(7)

*Values in parentheses indicate holding time in days



Project Name: CARNEGIE MANAGEMENT
Project Number: 12.0076605.10

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Report Date: 02/11/19

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).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
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.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
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.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total'

Report Format: DU Report with 'J' Qualifiers



Project Name: CARNEGIE MANAGEMENT
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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 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.
- 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).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- 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.

Project Name: CARNEGIE MANAGEMENT

Lab Number: L1904417

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REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: 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 6860: SCM: Perchlorate

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

Mansfield Facility

SM 2540D: TSS

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: Chloride, 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: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **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 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: 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 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water

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

EPA 522.

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, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

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 1 of 2	Date Rec'd in Lab <i>2/4/19</i>	ALPHA Job # <i>L1904417</i>					
	Project Information Project Name: <i>Carnegie Management</i> Project Location: <i>180E 132nd Street, Bronx NY</i> Project # <i>12.0076605.10</i> (Use Project name as Project #) <input checked="" type="checkbox"/>	Deliverables <input checked="" type="checkbox"/> NJ Full / Reduced <input type="checkbox"/> EQiS (1 File) <input type="checkbox"/> EQiS (4 File) <input type="checkbox"/> Other	Billing Information <input type="checkbox"/> Same as Client Info PO #						
Client Information Client: <i>GZA GeoEnvironmental</i> Address: <i>53 Levee Road</i> <i>Ferry Field NJ</i> Phone: <i>973-974-3300</i> Fax: Email: <i>Sandra.Huber@gza.com</i>	Regulatory Requirement <input checked="" type="checkbox"/> SRS Residential/Non Residential <input checked="" 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:		ANALYSIS							
These samples have been previously analyzed by Alpha <input type="checkbox"/>		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do <input type="checkbox"/> Lab to do (Please Specify below)							
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: <i>New York Site</i> Please specify Metals or TAL.							
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time	Sample Matrix	Sampler's Initials	PAH (EPA Method 8210)	TAL Metals (EPA Method 6010/7471)	Sample Specific Comments	Total Bottle	
<i>04417</i>	<i>-01 SB-17 (2')</i>	<i>2.4.19 1035</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>			
	<i>-02 SB-17 (4')</i>	<i>2.4.19 1037</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>			
	<i>-03 SB-17 (6')</i>	<i>2.4.19 1040</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>			
	<i>-04 SB-17 (8')</i>	<i>2.4.19 1042</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>			
	<i>-05 SB-17 (10')</i>	<i>2.4.19 1044</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>			
	<i>-06 SB-16 (2')</i>	<i>2.4.19 1107</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>			
	<i>-07 SB-16 (4')</i>	<i>2.4.19 1109</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>			
	<i>-08 SB-16 (6')</i>	<i>2.4.19 1113</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>			
	<i>-09 SB-16 (8')</i>	<i>2.4.19 1115</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>			
	<i>-10 SB-16 (10')</i>	<i>2.4.19 1119</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type <i>AA</i>	Preservative <i>AA</i>	Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)			
Relinquished By:		Date/Time	Received By:		Date/Time				
		<i>Michael 931</i>	<i>2-4-19 1700</i>	<i>Sandra Huber</i>		<i>2-4-19 1711</i>			
		<i>Sandra</i>	<i>2-4-19 1813</i>	<i>D. Santos</i>		<i>2/4/19 1900</i>			
		<i>D. Santos</i>	<i>2/4/19 2240</i>	<i>John Ver...</i>		<i>2/4/19 2240</i>			



ANALYTICAL REPORT

Lab Number:	L1806702
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Sandra Huber
Phone:	(973) 774-3300
Project Name:	BRONX PHASE II
Project Number:	12.0076605.00
Report Date:	03/06/18

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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: BRONX PHASE II

Project Number: 12.0076605.00

Lab Number: L1806702

Report Date: 03/06/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1806702-01	TW-1	WATER	180 E. 132ND STREET, BRONX, NY	02/26/18 10:09	02/27/18
L1806702-02	TW-4	WATER	180 E. 132ND STREET, BRONX, NY	02/26/18 13:00	02/27/18
L1806702-03	TW-6	WATER	180 E. 132ND STREET, BRONX, NY	02/26/18 15:45	02/27/18
L1806702-04	TRIP BLANK	WATER	180 E. 132ND STREET, BRONX, NY	02/23/18 00:00	02/27/18
L1806702-05	FIELD BLANK-TW	WATER	180 E. 132ND STREET, BRONX, NY	02/26/18 18:05	02/27/18
L1806702-06	SB-6 (1-2)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 14:24	02/27/18
L1806702-07	SB-6 (9.5-10)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 14:28	02/27/18
L1806702-08	FIELD BLANK-SOIL	WATER	180 E. 132ND STREET, BRONX, NY	02/26/18 17:45	02/27/18
L1806702-09	SB-1 (0-2)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 09:45	02/27/18
L1806702-10	SB-1 (12-12.5)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 09:55	02/27/18
L1806702-11	SB-2 (1-2)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 11:37	02/27/18
L1806702-12	SB-2 (10.5-11)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 11:45	02/27/18
L1806702-13	SB-3 (1-2)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 12:15	02/27/18
L1806702-14	SB-3 (7-7.5)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 12:24	02/27/18
L1806702-15	SB-4 (1-2)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 13:06	02/27/18
L1806702-16	SB-4 (13-13.5)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 13:12	02/27/18
L1806702-17	SB-5 (1-2)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 13:50	02/27/18
L1806702-18	SB-5 (9.5-10)	SOIL	180 E. 132ND STREET, BRONX, NY	02/26/18 13:56	02/27/18

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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

L1806702-09: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (45%) was outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (39%) and a high surrogate recovery for 4-bromofluorobenzene (132%). The results of both analyses are reported.

Total Metals

L1806702-05: The Field Blank has results for barium and sodium present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

L1806702-06, -07, and -09 through -18: 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.

L1806702-08: The Field Blank has a result for barium 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.


Dissolved Metals

L1806702-05: The Field Blank has a result for barium 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 WG1093055-3 MS recovery, performed on L1806702-01, is outside the acceptance criteria for iron (127%). A post digestion spike was performed and was within acceptance criteria.

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: 03/06/18

ORGANICS

VOLATILES

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
Client ID: TW-1
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 10:09
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/01/18 10:58
Analyst: MKS

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

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
 Client ID: TW-1
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 10:09
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
Client ID: TW-1
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 10:09
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	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	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	110		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
Client ID: TW-4
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 13:00
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/01/18 11:26
Analyst: MKS

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

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
 Client ID: TW-4
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:00
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
Client ID: TW-4
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 13:00
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	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	106		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	110		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-03
Client ID: TW-6
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 15:45
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/01/18 11:54
Analyst: MKS

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

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-03
 Client ID: TW-6
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 15:45
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-03
Client ID: TW-6
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 15:45
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	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	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	109		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-04
 Client ID: TRIP BLANK
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 02/28/18 09:02
 Analyst: MKS

Date Collected: 02/23/18 00:00
 Date Received: 02/27/18
 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	0.14	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

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-04
 Client ID: TRIP BLANK
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/23/18 00:00
 Date Received: 02/27/18
 Field Prep: Not Specified

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	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

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-04
 Client ID: TRIP BLANK
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/23/18 00:00
 Date Received: 02/27/18
 Field Prep: Not Specified

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	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	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	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	93		70-130

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-05
 Client ID: FIELD BLANK-TW
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 18:05
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 02/28/18 09:28
 Analyst: MKS

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

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-05
 Client ID: FIELD BLANK-TW
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 18:05
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-05
Client ID: FIELD BLANK-TW
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 18:05
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	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	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	93		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-06
 Client ID: SB-6 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 03:48
 Analyst: MV
 Percent Solids: 89%

Date Collected: 02/26/18 14:24
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.7	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.28	1
Chloroform	ND		ug/kg	1.5	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.35	1
1,2-Dichloropropane	ND		ug/kg	3.6	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	0.31	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.36	1
Bromodichloromethane	ND		ug/kg	1.0	0.32	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21	1
1,1-Dichloropropene	ND		ug/kg	5.1	0.34	1
Bromoform	ND		ug/kg	4.1	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30	1
Benzene	ND		ug/kg	1.0	0.20	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.17	1
Chloromethane	ND		ug/kg	5.1	0.45	1
Bromomethane	ND		ug/kg	2.0	0.35	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	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.25	1
Trichloroethene	ND		ug/kg	1.0	0.31	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-06
 Client ID: SB-6 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 14:24
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	5.1	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	5.1	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	5.1	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.16	1
p/m-Xylene	ND		ug/kg	2.0	0.36	1
o-Xylene	ND		ug/kg	2.0	0.35	1
Xylenes, Total	ND		ug/kg	2.0	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.35	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.25	1
Dibromomethane	ND		ug/kg	10	0.24	1
Styrene	ND		ug/kg	2.0	0.41	1
Dichlorodifluoromethane	ND		ug/kg	10	0.51	1
Acetone	25		ug/kg	10	2.3	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.71	1
Vinyl acetate	ND		ug/kg	10	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.18	1
2-Hexanone	ND		ug/kg	10	0.68	1
Bromochloromethane	ND		ug/kg	5.1	0.36	1
2,2-Dichloropropane	ND		ug/kg	5.1	0.46	1
1,2-Dibromoethane	ND		ug/kg	4.1	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.1	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32	1
Bromobenzene	ND		ug/kg	5.1	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	5.1	0.25	1
o-Chlorotoluene	ND		ug/kg	5.1	0.23	1
p-Chlorotoluene	ND		ug/kg	5.1	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	0.40	1
Hexachlorobutadiene	ND		ug/kg	5.1	0.36	1
Isopropylbenzene	ND		ug/kg	1.0	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.21	1
Naphthalene	ND		ug/kg	5.1	0.14	1
Acrylonitrile	ND		ug/kg	10	0.53	1
n-Propylbenzene	ND		ug/kg	1.0	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.1	0.26	1

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-06
 Client ID: SB-6 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 14:24
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	5.1	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.1	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.1	0.19	1
1,4-Dioxane	ND		ug/kg	41	15.	1
p-Diethylbenzene	ND		ug/kg	4.1	4.1	1
p-Ethyltoluene	ND		ug/kg	4.1	0.24	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.1	0.16	1
Ethyl ether	ND		ug/kg	5.1	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-07
 Client ID: SB-6 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 04:14
 Analyst: MV
 Percent Solids: 86%

Date Collected: 02/26/18 14:28
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.1	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.22	1
Chloroform	ND		ug/kg	1.2	0.30	1
Carbon tetrachloride	ND		ug/kg	0.81	0.28	1
1,2-Dichloropropane	ND		ug/kg	2.8	0.18	1
Dibromochloromethane	ND		ug/kg	0.81	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.25	1
Tetrachloroethene	ND		ug/kg	0.81	0.24	1
Chlorobenzene	ND		ug/kg	0.81	0.28	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.34	1
1,2-Dichloroethane	ND		ug/kg	0.81	0.20	1
1,1,1-Trichloroethane	ND		ug/kg	0.81	0.28	1
Bromodichloromethane	ND		ug/kg	0.81	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	0.81	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	0.81	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.81	0.17	1
1,1-Dichloropropene	ND		ug/kg	4.0	0.26	1
Bromoform	ND		ug/kg	3.2	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.81	0.24	1
Benzene	ND		ug/kg	0.81	0.16	1
Toluene	ND		ug/kg	1.2	0.16	1
Ethylbenzene	ND		ug/kg	0.81	0.14	1
Chloromethane	ND		ug/kg	4.0	0.35	1
Bromomethane	ND		ug/kg	1.6	0.27	1
Vinyl chloride	ND		ug/kg	1.6	0.25	1
Chloroethane	ND		ug/kg	1.6	0.26	1
1,1-Dichloroethene	ND		ug/kg	0.81	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.19	1
Trichloroethene	ND		ug/kg	0.81	0.24	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-07
 Client ID: SB-6 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 14:28
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	4.0	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	4.0	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.12	1
p/m-Xylene	ND		ug/kg	1.6	0.28	1
o-Xylene	ND		ug/kg	1.6	0.27	1
Xylenes, Total	ND		ug/kg	1.6	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.81	0.28	1
1,2-Dichloroethene, Total	ND		ug/kg	0.81	0.19	1
Dibromomethane	ND		ug/kg	8.1	0.19	1
Styrene	ND		ug/kg	1.6	0.32	1
Dichlorodifluoromethane	ND		ug/kg	8.1	0.40	1
Acetone	14		ug/kg	8.1	1.8	1
Carbon disulfide	ND		ug/kg	8.1	0.89	1
2-Butanone	ND		ug/kg	8.1	0.56	1
Vinyl acetate	ND		ug/kg	8.1	0.12	1
4-Methyl-2-pentanone	ND		ug/kg	8.1	0.20	1
1,2,3-Trichloropropane	ND		ug/kg	8.1	0.14	1
2-Hexanone	ND		ug/kg	8.1	0.54	1
Bromochloromethane	ND		ug/kg	4.0	0.29	1
2,2-Dichloropropane	ND		ug/kg	4.0	0.36	1
1,2-Dibromoethane	ND		ug/kg	3.2	0.16	1
1,3-Dichloropropane	ND		ug/kg	4.0	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.81	0.26	1
Bromobenzene	ND		ug/kg	4.0	0.18	1
n-Butylbenzene	ND		ug/kg	0.81	0.18	1
sec-Butylbenzene	ND		ug/kg	0.81	0.18	1
tert-Butylbenzene	ND		ug/kg	4.0	0.20	1
o-Chlorotoluene	ND		ug/kg	4.0	0.18	1
p-Chlorotoluene	ND		ug/kg	4.0	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	0.32	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.28	1
Isopropylbenzene	ND		ug/kg	0.81	0.16	1
p-Isopropyltoluene	ND		ug/kg	0.81	0.16	1
Naphthalene	ND		ug/kg	4.0	0.11	1
Acrylonitrile	ND		ug/kg	8.1	0.42	1
n-Propylbenzene	ND		ug/kg	0.81	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.0	0.20	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-07
Client ID: SB-6 (9.5-10)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 14:28
Date Received: 02/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.0	0.17	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.0	0.13	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.0	0.15	1
1,4-Dioxane	ND		ug/kg	32	12.	1
p-Diethylbenzene	ND		ug/kg	3.2	3.2	1
p-Ethyltoluene	ND		ug/kg	3.2	0.19	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.2	0.13	1
Ethyl ether	ND		ug/kg	4.0	0.21	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.0	0.32	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-08
 Client ID: FIELD BLANK-SOIL
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 02/28/18 09:53
 Analyst: MKS

Date Collected: 02/26/18 17:45
 Date Received: 02/27/18
 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	0.14	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

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-08
 Client ID: FIELD BLANK-SOIL
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 17:45
 Date Received: 02/27/18
 Field Prep: Not Specified

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	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

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-08
 Client ID: FIELD BLANK-SOIL
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 17:45
 Date Received: 02/27/18
 Field Prep: Not Specified

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	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	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	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	94		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09
 Client ID: SB-1 (0-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 04:40
 Analyst: MV
 Percent Solids: 92%

Date Collected: 02/26/18 09:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.2	1.5	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.25	1
Chloroform	ND		ug/kg	1.4	0.34	1
Carbon tetrachloride	ND		ug/kg	0.92	0.32	1
1,2-Dichloropropane	ND		ug/kg	3.2	0.21	1
Dibromochloromethane	ND		ug/kg	0.92	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.92	0.28	1
Chlorobenzene	ND		ug/kg	0.92	0.32	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.92	0.32	1
Bromodichloromethane	ND		ug/kg	0.92	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	0.92	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.92	0.19	1
1,1-Dichloropropene	ND		ug/kg	4.6	0.30	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.92	0.27	1
Benzene	ND		ug/kg	0.92	0.18	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.92	0.16	1
Chloromethane	ND		ug/kg	4.6	0.40	1
Bromomethane	ND		ug/kg	1.8	0.31	1
Vinyl chloride	ND		ug/kg	1.8	0.29	1
Chloroethane	ND		ug/kg	1.8	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.22	1
Trichloroethene	ND		ug/kg	0.92	0.28	1

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-09
 Client ID: SB-1 (0-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 09:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	4.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.14	1
p/m-Xylene	ND		ug/kg	1.8	0.32	1
o-Xylene	ND		ug/kg	1.8	0.31	1
Xylenes, Total	ND		ug/kg	1.8	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.31	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.22	1
Dibromomethane	ND		ug/kg	9.2	0.22	1
Styrene	ND		ug/kg	1.8	0.37	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.46	1
Acetone	12		ug/kg	9.2	2.1	1
Carbon disulfide	ND		ug/kg	9.2	1.0	1
2-Butanone	ND		ug/kg	9.2	0.63	1
Vinyl acetate	ND		ug/kg	9.2	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	0.22	1
1,2,3-Trichloropropane	ND		ug/kg	9.2	0.16	1
2-Hexanone	ND		ug/kg	9.2	0.61	1
Bromochloromethane	ND		ug/kg	4.6	0.33	1
2,2-Dichloropropane	ND		ug/kg	4.6	0.41	1
1,2-Dibromoethane	ND		ug/kg	3.7	0.18	1
1,3-Dichloropropane	ND		ug/kg	4.6	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.92	0.29	1
Bromobenzene	ND		ug/kg	4.6	0.20	1
n-Butylbenzene	ND		ug/kg	0.92	0.21	1
sec-Butylbenzene	ND		ug/kg	0.92	0.20	1
tert-Butylbenzene	ND		ug/kg	4.6	0.23	1
o-Chlorotoluene	ND		ug/kg	4.6	0.20	1
p-Chlorotoluene	ND		ug/kg	4.6	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	0.36	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.32	1
Isopropylbenzene	ND		ug/kg	0.92	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.18	1
Naphthalene	ND		ug/kg	4.6	0.13	1
Acrylonitrile	ND		ug/kg	9.2	0.47	1
n-Propylbenzene	ND		ug/kg	0.92	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	0.23	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09
 Client ID: SB-1 (0-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 09:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.17	1
1,4-Dioxane	ND		ug/kg	37	13.	1
p-Diethylbenzene	ND		ug/kg	3.7	3.7	1
p-Ethyltoluene	ND		ug/kg	3.7	0.21	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.7	0.14	1
Ethyl ether	ND		ug/kg	4.6	0.24	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	111		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	104		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09 R
 Client ID: SB-1 (0-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 09:37
 Analyst: KD
 Percent Solids: 92%

Date Collected: 02/26/18 09:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.3	1.5	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.25	1
Chloroform	ND		ug/kg	1.4	0.34	1
Carbon tetrachloride	ND		ug/kg	0.93	0.32	1
1,2-Dichloropropane	ND		ug/kg	3.3	0.21	1
Dibromochloromethane	ND		ug/kg	0.93	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.93	0.28	1
Chlorobenzene	ND		ug/kg	0.93	0.32	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.39	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.93	0.33	1
Bromodichloromethane	ND		ug/kg	0.93	0.29	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	0.93	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.93	0.19	1
1,1-Dichloropropene	ND		ug/kg	4.7	0.31	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.93	0.28	1
Benzene	ND		ug/kg	0.93	0.18	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.93	0.16	1
Chloromethane	ND		ug/kg	4.7	0.41	1
Bromomethane	0.32	J	ug/kg	1.9	0.32	1
Vinyl chloride	ND		ug/kg	1.9	0.29	1
Chloroethane	ND		ug/kg	1.9	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.22	1
Trichloroethene	ND		ug/kg	0.93	0.28	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09 R
 Client ID: SB-1 (0-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 09:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.7	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	4.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	4.7	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.14	1
p/m-Xylene	ND		ug/kg	1.9	0.33	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	0.93	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.22	1
Dibromomethane	ND		ug/kg	9.3	0.22	1
Styrene	ND		ug/kg	1.9	0.37	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.47	1
Acetone	4.6	J	ug/kg	9.3	2.1	1
Carbon disulfide	ND		ug/kg	9.3	1.0	1
2-Butanone	ND		ug/kg	9.3	0.64	1
Vinyl acetate	ND		ug/kg	9.3	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.3	0.16	1
2-Hexanone	ND		ug/kg	9.3	0.62	1
Bromochloromethane	ND		ug/kg	4.7	0.33	1
2,2-Dichloropropane	ND		ug/kg	4.7	0.42	1
1,2-Dibromoethane	ND		ug/kg	3.7	0.18	1
1,3-Dichloropropane	ND		ug/kg	4.7	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.93	0.30	1
Bromobenzene	ND		ug/kg	4.7	0.20	1
n-Butylbenzene	ND		ug/kg	0.93	0.21	1
sec-Butylbenzene	ND		ug/kg	0.93	0.20	1
tert-Butylbenzene	ND		ug/kg	4.7	0.23	1
o-Chlorotoluene	ND		ug/kg	4.7	0.21	1
p-Chlorotoluene	ND		ug/kg	4.7	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	0.37	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.32	1
Isopropylbenzene	ND		ug/kg	0.93	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.19	1
Naphthalene	0.21	J	ug/kg	4.7	0.13	1
Acrylonitrile	ND		ug/kg	9.3	0.48	1
n-Propylbenzene	ND		ug/kg	0.93	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.7	0.23	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09 R
 Client ID: SB-1 (0-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 09:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.7	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.7	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.7	0.17	1
1,4-Dioxane	ND		ug/kg	37	13.	1
p-Diethylbenzene	ND		ug/kg	3.7	3.7	1
p-Ethyltoluene	ND		ug/kg	3.7	0.22	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.7	0.14	1
Ethyl ether	ND		ug/kg	4.7	0.24	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	132	Q	70-130
Dibromofluoromethane	105		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-10
 Client ID: SB-1 (12-12.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 10:30
 Analyst: JC
 Percent Solids: 91%

Date Collected: 02/26/18 09:55
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.28	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.36	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.0	0.32	1
Chlorobenzene	ND		ug/kg	1.0	0.37	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.37	1
Bromodichloromethane	ND		ug/kg	1.0	0.32	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.22	1
1,1-Dichloropropene	ND		ug/kg	5.3	0.34	1
Bromoform	ND		ug/kg	4.2	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.31	1
Benzene	ND		ug/kg	1.0	0.20	1
Toluene	ND		ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.18	1
Chloromethane	ND		ug/kg	5.3	0.46	1
Bromomethane	0.39	J	ug/kg	2.1	0.36	1
Vinyl chloride	ND		ug/kg	2.1	0.33	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.25	1
Trichloroethene	ND		ug/kg	1.0	0.32	1

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-10
 Client ID: SB-1 (12-12.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 09:55
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	5.3	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	5.3	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	5.3	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.16	1
p/m-Xylene	ND		ug/kg	2.1	0.37	1
o-Xylene	ND		ug/kg	2.1	0.36	1
Xylenes, Total	ND		ug/kg	2.1	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.36	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.25	1
Dibromomethane	ND		ug/kg	10	0.25	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	10	0.53	1
Acetone	ND		ug/kg	10	2.4	1
Carbon disulfide	ND		ug/kg	10	1.2	1
2-Butanone	ND		ug/kg	10	0.73	1
Vinyl acetate	ND		ug/kg	10	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.19	1
2-Hexanone	ND		ug/kg	10	0.70	1
Bromochloromethane	ND		ug/kg	5.3	0.38	1
2,2-Dichloropropane	ND		ug/kg	5.3	0.47	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.21	1
1,3-Dichloropropane	ND		ug/kg	5.3	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.34	1
Bromobenzene	ND		ug/kg	5.3	0.23	1
n-Butylbenzene	ND		ug/kg	1.0	0.24	1
sec-Butylbenzene	ND		ug/kg	1.0	0.23	1
tert-Butylbenzene	ND		ug/kg	5.3	0.26	1
o-Chlorotoluene	ND		ug/kg	5.3	0.23	1
p-Chlorotoluene	ND		ug/kg	5.3	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.3	0.42	1
Hexachlorobutadiene	ND		ug/kg	5.3	0.37	1
Isopropylbenzene	ND		ug/kg	1.0	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.21	1
Naphthalene	ND		ug/kg	5.3	0.14	1
Acrylonitrile	ND		ug/kg	10	0.54	1
n-Propylbenzene	ND		ug/kg	1.0	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.3	0.26	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-10
 Client ID: SB-1 (12-12.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 09:55
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	5.3	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.3	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.3	0.20	1
1,4-Dioxane	ND		ug/kg	42	15.	1
p-Diethylbenzene	ND		ug/kg	4.2	4.2	1
p-Ethyltoluene	ND		ug/kg	4.2	0.25	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.2	0.16	1
Ethyl ether	ND		ug/kg	5.3	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	0.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-11
 Client ID: SB-2 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 05:06
 Analyst: MV
 Percent Solids: 88%

Date Collected: 02/26/18 11:37
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.3	1.5	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.25	1
Chloroform	ND		ug/kg	1.4	0.34	1
Carbon tetrachloride	ND		ug/kg	0.93	0.32	1
1,2-Dichloropropane	ND		ug/kg	3.2	0.21	1
Dibromochloromethane	ND		ug/kg	0.93	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.29	1
Tetrachloroethene	ND		ug/kg	0.93	0.28	1
Chlorobenzene	ND		ug/kg	0.93	0.32	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.39	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.93	0.32	1
Bromodichloromethane	ND		ug/kg	0.93	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	0.93	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.93	0.19	1
1,1-Dichloropropene	ND		ug/kg	4.6	0.30	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.93	0.28	1
Benzene	ND		ug/kg	0.93	0.18	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.93	0.16	1
Chloromethane	ND		ug/kg	4.6	0.40	1
Bromomethane	ND		ug/kg	1.8	0.31	1
Vinyl chloride	ND		ug/kg	1.8	0.29	1
Chloroethane	ND		ug/kg	1.8	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.22	1
Trichloroethene	ND		ug/kg	0.93	0.28	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-11
 Client ID: SB-2 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 11:37
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	4.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.14	1
p/m-Xylene	ND		ug/kg	1.8	0.32	1
o-Xylene	ND		ug/kg	1.8	0.31	1
Xylenes, Total	ND		ug/kg	1.8	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.22	1
Dibromomethane	ND		ug/kg	9.3	0.22	1
Styrene	ND		ug/kg	1.8	0.37	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.46	1
Acetone	ND		ug/kg	9.3	2.1	1
Carbon disulfide	ND		ug/kg	9.3	1.0	1
2-Butanone	ND		ug/kg	9.3	0.64	1
Vinyl acetate	ND		ug/kg	9.3	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.3	0.16	1
2-Hexanone	ND		ug/kg	9.3	0.62	1
Bromochloromethane	ND		ug/kg	4.6	0.33	1
2,2-Dichloropropane	ND		ug/kg	4.6	0.42	1
1,2-Dibromoethane	ND		ug/kg	3.7	0.18	1
1,3-Dichloropropane	ND		ug/kg	4.6	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.93	0.30	1
Bromobenzene	ND		ug/kg	4.6	0.20	1
n-Butylbenzene	ND		ug/kg	0.93	0.21	1
sec-Butylbenzene	ND		ug/kg	0.93	0.20	1
tert-Butylbenzene	ND		ug/kg	4.6	0.23	1
o-Chlorotoluene	ND		ug/kg	4.6	0.20	1
p-Chlorotoluene	ND		ug/kg	4.6	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	0.37	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.32	1
Isopropylbenzene	ND		ug/kg	0.93	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.19	1
Naphthalene	ND		ug/kg	4.6	0.13	1
Acrylonitrile	ND		ug/kg	9.3	0.48	1
n-Propylbenzene	ND		ug/kg	0.93	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	0.23	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-11
Client ID: SB-2 (1-2)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 11:37
Date Received: 02/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.17	1
1,4-Dioxane	ND		ug/kg	37	13.	1
p-Diethylbenzene	ND		ug/kg	3.7	3.7	1
p-Ethyltoluene	ND		ug/kg	3.7	0.22	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.7	0.14	1
Ethyl ether	ND		ug/kg	4.6	0.24	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-12
 Client ID: SB-2 (10.5-11)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 05:33
 Analyst: MV
 Percent Solids: 96%

Date Collected: 02/26/18 11:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.8	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.24	1
Chloroform	ND		ug/kg	1.3	0.32	1
Carbon tetrachloride	ND		ug/kg	0.88	0.30	1
1,2-Dichloropropane	ND		ug/kg	3.1	0.20	1
Dibromochloromethane	ND		ug/kg	0.88	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.28	1
Tetrachloroethene	ND		ug/kg	0.88	0.26	1
Chlorobenzene	ND		ug/kg	0.88	0.31	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.37	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.88	0.31	1
Bromodichloromethane	ND		ug/kg	0.88	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	0.88	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.88	0.18	1
1,1-Dichloropropene	ND		ug/kg	4.4	0.29	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.88	0.26	1
Benzene	ND		ug/kg	0.88	0.17	1
Toluene	ND		ug/kg	1.3	0.17	1
Ethylbenzene	ND		ug/kg	0.88	0.15	1
Chloromethane	ND		ug/kg	4.4	0.38	1
Bromomethane	0.30	J	ug/kg	1.8	0.30	1
Vinyl chloride	ND		ug/kg	1.8	0.28	1
Chloroethane	ND		ug/kg	1.8	0.28	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.21	1
Trichloroethene	ND		ug/kg	0.88	0.26	1

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-12
 Client ID: SB-2 (10.5-11)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 11:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.4	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	4.4	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	4.4	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.13	1
p/m-Xylene	ND		ug/kg	1.8	0.31	1
o-Xylene	ND		ug/kg	1.8	0.30	1
Xylenes, Total	ND		ug/kg	1.8	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.30	1
1,2-Dichloroethene, Total	ND		ug/kg	0.88	0.21	1
Dibromomethane	ND		ug/kg	8.8	0.21	1
Styrene	ND		ug/kg	1.8	0.35	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.44	1
Acetone	ND		ug/kg	8.8	2.0	1
Carbon disulfide	ND		ug/kg	8.8	0.97	1
2-Butanone	ND		ug/kg	8.8	0.61	1
Vinyl acetate	ND		ug/kg	8.8	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	0.21	1
1,2,3-Trichloropropane	ND		ug/kg	8.8	0.16	1
2-Hexanone	ND		ug/kg	8.8	0.59	1
Bromochloromethane	ND		ug/kg	4.4	0.31	1
2,2-Dichloropropane	ND		ug/kg	4.4	0.40	1
1,2-Dibromoethane	ND		ug/kg	3.5	0.18	1
1,3-Dichloropropane	ND		ug/kg	4.4	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.88	0.28	1
Bromobenzene	ND		ug/kg	4.4	0.19	1
n-Butylbenzene	ND		ug/kg	0.88	0.20	1
sec-Butylbenzene	ND		ug/kg	0.88	0.19	1
tert-Butylbenzene	ND		ug/kg	4.4	0.22	1
o-Chlorotoluene	ND		ug/kg	4.4	0.19	1
p-Chlorotoluene	ND		ug/kg	4.4	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.4	0.35	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.31	1
Isopropylbenzene	ND		ug/kg	0.88	0.17	1
p-Isopropyltoluene	ND		ug/kg	0.88	0.18	1
Naphthalene	ND		ug/kg	4.4	0.12	1
Acrylonitrile	ND		ug/kg	8.8	0.45	1
n-Propylbenzene	ND		ug/kg	0.88	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.4	0.22	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-12
Client ID: SB-2 (10.5-11)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 11:45
Date Received: 02/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.4	0.19	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.4	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.4	0.16	1
1,4-Dioxane	ND		ug/kg	35	13.	1
p-Diethylbenzene	ND		ug/kg	3.5	3.5	1
p-Ethyltoluene	ND		ug/kg	3.5	0.20	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.5	0.14	1
Ethyl ether	ND		ug/kg	4.4	0.23	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	0.34	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-13
 Client ID: SB-3 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 05:59
 Analyst: MV
 Percent Solids: 90%

Date Collected: 02/26/18 12:15
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.1	1.5	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.25	1
Chloroform	ND		ug/kg	1.4	0.34	1
Carbon tetrachloride	ND		ug/kg	0.91	0.31	1
1,2-Dichloropropane	ND		ug/kg	3.2	0.21	1
Dibromochloromethane	ND		ug/kg	0.91	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.28	1
Tetrachloroethene	ND		ug/kg	0.91	0.28	1
Chlorobenzene	ND		ug/kg	0.91	0.32	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.91	0.32	1
Bromodichloromethane	ND		ug/kg	0.91	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	0.91	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.91	0.19	1
1,1-Dichloropropene	ND		ug/kg	4.6	0.30	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.91	0.27	1
Benzene	0.20	J	ug/kg	0.91	0.18	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.91	0.16	1
Chloromethane	ND		ug/kg	4.6	0.40	1
Bromomethane	ND		ug/kg	1.8	0.31	1
Vinyl chloride	ND		ug/kg	1.8	0.29	1
Chloroethane	ND		ug/kg	1.8	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.22	1
Trichloroethene	ND		ug/kg	0.91	0.28	1

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-13
 Client ID: SB-3 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 12:15
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	4.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	4.6	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.14	1
p/m-Xylene	ND		ug/kg	1.8	0.32	1
o-Xylene	ND		ug/kg	1.8	0.31	1
Xylenes, Total	ND		ug/kg	1.8	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.31	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.22	1
Dibromomethane	ND		ug/kg	9.1	0.22	1
Styrene	ND		ug/kg	1.8	0.37	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.46	1
Acetone	ND		ug/kg	9.1	2.1	1
Carbon disulfide	ND		ug/kg	9.1	1.0	1
2-Butanone	ND		ug/kg	9.1	0.63	1
Vinyl acetate	ND		ug/kg	9.1	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	0.22	1
1,2,3-Trichloropropane	ND		ug/kg	9.1	0.16	1
2-Hexanone	ND		ug/kg	9.1	0.61	1
Bromochloromethane	ND		ug/kg	4.6	0.32	1
2,2-Dichloropropane	ND		ug/kg	4.6	0.41	1
1,2-Dibromoethane	ND		ug/kg	3.6	0.18	1
1,3-Dichloropropane	ND		ug/kg	4.6	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.91	0.29	1
Bromobenzene	ND		ug/kg	4.6	0.20	1
n-Butylbenzene	ND		ug/kg	0.91	0.21	1
sec-Butylbenzene	ND		ug/kg	0.91	0.20	1
tert-Butylbenzene	ND		ug/kg	4.6	0.22	1
o-Chlorotoluene	ND		ug/kg	4.6	0.20	1
p-Chlorotoluene	ND		ug/kg	4.6	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.6	0.36	1
Hexachlorobutadiene	ND		ug/kg	4.6	0.32	1
Isopropylbenzene	ND		ug/kg	0.91	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.18	1
Naphthalene	ND		ug/kg	4.6	0.12	1
Acrylonitrile	ND		ug/kg	9.1	0.47	1
n-Propylbenzene	ND		ug/kg	0.91	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.6	0.23	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-13
 Client ID: SB-3 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 12:15
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.6	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.6	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.6	0.17	1
1,4-Dioxane	ND		ug/kg	36	13.	1
p-Diethylbenzene	ND		ug/kg	3.6	3.6	1
p-Ethyltoluene	ND		ug/kg	3.6	0.21	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.14	1
Ethyl ether	ND		ug/kg	4.6	0.24	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-14
 Client ID: SB-3 (7-7.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 11:22
 Analyst: JC
 Percent Solids: 98%

Date Collected: 02/26/18 12:24
 Date Received: 02/27/18
 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	1.8	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.29	1
Chloroform	ND		ug/kg	1.6	0.40	1
Carbon tetrachloride	ND		ug/kg	1.1	0.37	1
1,2-Dichloropropane	ND		ug/kg	3.8	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.33	1
Chlorobenzene	ND		ug/kg	1.1	0.38	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.38	1
Bromodichloromethane	ND		ug/kg	1.1	0.33	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.25	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.22	1
1,1-Dichloropropene	ND		ug/kg	5.4	0.36	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.32	1
Benzene	ND		ug/kg	1.1	0.21	1
Toluene	0.22	J	ug/kg	1.6	0.21	1
Ethylbenzene	ND		ug/kg	1.1	0.18	1
Chloromethane	ND		ug/kg	5.4	0.47	1
Bromomethane	ND		ug/kg	2.2	0.37	1
Vinyl chloride	ND		ug/kg	2.2	0.34	1
Chloroethane	ND		ug/kg	2.2	0.34	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.26	1
Trichloroethene	ND		ug/kg	1.1	0.33	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-14
 Client ID: SB-3 (7-7.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 12:24
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	5.4	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.4	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	5.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.17	1
p/m-Xylene	ND		ug/kg	2.2	0.38	1
o-Xylene	ND		ug/kg	2.2	0.37	1
Xylenes, Total	ND		ug/kg	2.2	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.37	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.26	1
Dibromomethane	ND		ug/kg	11	0.26	1
Styrene	ND		ug/kg	2.2	0.44	1
Dichlorodifluoromethane	ND		ug/kg	11	0.54	1
Acetone	ND		ug/kg	11	2.5	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.75	1
Vinyl acetate	ND		ug/kg	11	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.19	1
2-Hexanone	ND		ug/kg	11	0.72	1
Bromochloromethane	ND		ug/kg	5.4	0.39	1
2,2-Dichloropropane	ND		ug/kg	5.4	0.49	1
1,2-Dibromoethane	ND		ug/kg	4.3	0.22	1
1,3-Dichloropropane	ND		ug/kg	5.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.34	1
Bromobenzene	ND		ug/kg	5.4	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.25	1
sec-Butylbenzene	ND		ug/kg	1.1	0.24	1
tert-Butylbenzene	ND		ug/kg	5.4	0.27	1
o-Chlorotoluene	ND		ug/kg	5.4	0.24	1
p-Chlorotoluene	ND		ug/kg	5.4	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	0.43	1
Hexachlorobutadiene	ND		ug/kg	5.4	0.38	1
Isopropylbenzene	ND		ug/kg	1.1	0.21	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.22	1
Naphthalene	ND		ug/kg	5.4	0.15	1
Acrylonitrile	ND		ug/kg	11	0.56	1
n-Propylbenzene	ND		ug/kg	1.1	0.23	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.4	0.27	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-14
Client ID: SB-3 (7-7.5)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 12:24
Date Received: 02/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	5.4	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.4	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.4	0.20	1
1,4-Dioxane	ND		ug/kg	43	16.	1
p-Diethylbenzene	ND		ug/kg	4.3	4.3	1
p-Ethyltoluene	ND		ug/kg	4.3	0.25	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.3	0.17	1
Ethyl ether	ND		ug/kg	5.4	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	0.42	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	94		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-15
 Client ID: SB-4 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 11:49
 Analyst: JC
 Percent Solids: 88%

Date Collected: 02/26/18 13:06
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.8	1.6	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.26	1
Chloroform	ND		ug/kg	1.5	0.36	1
Carbon tetrachloride	ND		ug/kg	0.98	0.34	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.98	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31	1
Tetrachloroethene	ND		ug/kg	0.98	0.30	1
Chlorobenzene	ND		ug/kg	0.98	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.41	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.98	0.34	1
Bromodichloromethane	ND		ug/kg	0.98	0.30	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.98	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.98	0.20	1
1,1-Dichloropropene	ND		ug/kg	4.9	0.32	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.98	0.29	1
Benzene	ND		ug/kg	0.98	0.19	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	0.98	0.17	1
Chloromethane	ND		ug/kg	4.9	0.43	1
Bromomethane	0.35	J	ug/kg	2.0	0.33	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	0.98	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24	1
Trichloroethene	ND		ug/kg	0.98	0.30	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-15
 Client ID: SB-4 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:06
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.15	1
p/m-Xylene	ND		ug/kg	2.0	0.34	1
o-Xylene	ND		ug/kg	2.0	0.33	1
Xylenes, Total	ND		ug/kg	2.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.34	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.24	1
Dibromomethane	ND		ug/kg	9.8	0.23	1
Styrene	ND		ug/kg	2.0	0.39	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.49	1
Acetone	4.1	J	ug/kg	9.8	2.2	1
Carbon disulfide	ND		ug/kg	9.8	1.1	1
2-Butanone	ND		ug/kg	9.8	0.68	1
Vinyl acetate	ND		ug/kg	9.8	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.8	0.17	1
2-Hexanone	ND		ug/kg	9.8	0.65	1
Bromochloromethane	ND		ug/kg	4.9	0.35	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.44	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.20	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.98	0.31	1
Bromobenzene	ND		ug/kg	4.9	0.22	1
n-Butylbenzene	ND		ug/kg	0.98	0.22	1
sec-Butylbenzene	ND		ug/kg	0.98	0.21	1
tert-Butylbenzene	ND		ug/kg	4.9	0.24	1
o-Chlorotoluene	ND		ug/kg	4.9	0.22	1
p-Chlorotoluene	ND		ug/kg	4.9	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.39	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.34	1
Isopropylbenzene	ND		ug/kg	0.98	0.19	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.20	1
Naphthalene	ND		ug/kg	4.9	0.14	1
Acrylonitrile	ND		ug/kg	9.8	0.50	1
n-Propylbenzene	ND		ug/kg	0.98	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.25	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-15
 Client ID: SB-4 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:06
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.18	1
1,4-Dioxane	ND		ug/kg	39	14.	1
p-Diethylbenzene	ND		ug/kg	3.9	3.9	1
p-Ethyltoluene	ND		ug/kg	3.9	0.23	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.15	1
Ethyl ether	ND		ug/kg	4.9	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-16
 Client ID: SB-4 (13-13.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 12:15
 Analyst: JC
 Percent Solids: 78%

Date Collected: 02/26/18 13:12
 Date Received: 02/27/18
 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	1.8	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.30	1
Chloroform	ND		ug/kg	1.7	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.39	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	ND		ug/kg	1.1	0.34	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.39	1
Bromodichloromethane	ND		ug/kg	1.1	0.34	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.26	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.23	1
1,1-Dichloropropene	ND		ug/kg	5.6	0.37	1
Bromoform	ND		ug/kg	4.5	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.33	1
Benzene	ND		ug/kg	1.1	0.22	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.19	1
Chloromethane	ND		ug/kg	5.6	0.49	1
Bromomethane	ND		ug/kg	2.2	0.38	1
Vinyl chloride	ND		ug/kg	2.2	0.35	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.27	1
Trichloroethene	ND		ug/kg	1.1	0.34	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-16
 Client ID: SB-4 (13-13.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:12
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.17	1
p/m-Xylene	ND		ug/kg	2.2	0.39	1
o-Xylene	ND		ug/kg	2.2	0.38	1
Xylenes, Total	ND		ug/kg	2.2	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.38	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.27	1
Dibromomethane	ND		ug/kg	11	0.27	1
Styrene	ND		ug/kg	2.2	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.56	1
Acetone	ND		ug/kg	11	2.6	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.77	1
Vinyl acetate	ND		ug/kg	11	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.20	1
2-Hexanone	ND		ug/kg	11	0.74	1
Bromochloromethane	ND		ug/kg	5.6	0.40	1
2,2-Dichloropropane	ND		ug/kg	5.6	0.50	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.22	1
1,3-Dichloropropane	ND		ug/kg	5.6	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.6	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.26	1
sec-Butylbenzene	ND		ug/kg	1.1	0.24	1
tert-Butylbenzene	ND		ug/kg	5.6	0.28	1
o-Chlorotoluene	ND		ug/kg	5.6	0.25	1
p-Chlorotoluene	ND		ug/kg	5.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.44	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.39	1
Isopropylbenzene	ND		ug/kg	1.1	0.22	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.23	1
Naphthalene	ND		ug/kg	5.6	0.15	1
Acrylonitrile	ND		ug/kg	11	0.58	1
n-Propylbenzene	ND		ug/kg	1.1	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.28	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-16
 Client ID: SB-4 (13-13.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:12
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	0.21	1
1,4-Dioxane	ND		ug/kg	45	16.	1
p-Diethylbenzene	ND		ug/kg	4.5	4.5	1
p-Ethyltoluene	ND		ug/kg	4.5	0.26	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.5	0.17	1
Ethyl ether	ND		ug/kg	5.6	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	0.44	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	101		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-17
 Client ID: SB-5 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 12:42
 Analyst: JC
 Percent Solids: 88%

Date Collected: 02/26/18 13:50
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.5	1.6	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	0.95	0.33	1
1,2-Dichloropropane	ND		ug/kg	3.3	0.22	1
Dibromochloromethane	ND		ug/kg	0.95	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.30	1
Tetrachloroethene	ND		ug/kg	0.95	0.29	1
Chlorobenzene	ND		ug/kg	0.95	0.33	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.40	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.95	0.33	1
Bromodichloromethane	ND		ug/kg	0.95	0.29	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.95	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.95	0.20	1
1,1-Dichloropropene	ND		ug/kg	4.7	0.31	1
Bromoform	ND		ug/kg	3.8	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.95	0.28	1
Benzene	ND		ug/kg	0.95	0.18	1
Toluene	0.24	J	ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.95	0.16	1
Chloromethane	ND		ug/kg	4.7	0.41	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	0.95	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.23	1
Trichloroethene	ND		ug/kg	0.95	0.29	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-17
 Client ID: SB-5 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:50
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.7	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	4.7	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	4.7	0.17	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.14	1
p/m-Xylene	ND		ug/kg	1.9	0.33	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	0.95	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.23	1
Dibromomethane	ND		ug/kg	9.5	0.23	1
Styrene	ND		ug/kg	1.9	0.38	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.47	1
Acetone	36		ug/kg	9.5	2.2	1
Carbon disulfide	ND		ug/kg	9.5	1.0	1
2-Butanone	ND		ug/kg	9.5	0.65	1
Vinyl acetate	ND		ug/kg	9.5	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	0.23	1
1,2,3-Trichloropropane	ND		ug/kg	9.5	0.17	1
2-Hexanone	ND		ug/kg	9.5	0.63	1
Bromochloromethane	ND		ug/kg	4.7	0.34	1
2,2-Dichloropropane	ND		ug/kg	4.7	0.43	1
1,2-Dibromoethane	ND		ug/kg	3.8	0.19	1
1,3-Dichloropropane	ND		ug/kg	4.7	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.95	0.30	1
Bromobenzene	ND		ug/kg	4.7	0.21	1
n-Butylbenzene	ND		ug/kg	0.95	0.22	1
sec-Butylbenzene	ND		ug/kg	0.95	0.20	1
tert-Butylbenzene	ND		ug/kg	4.7	0.23	1
o-Chlorotoluene	ND		ug/kg	4.7	0.21	1
p-Chlorotoluene	ND		ug/kg	4.7	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.7	0.38	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.33	1
Isopropylbenzene	ND		ug/kg	0.95	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.19	1
Naphthalene	0.16	J	ug/kg	4.7	0.13	1
Acrylonitrile	ND		ug/kg	9.5	0.49	1
n-Propylbenzene	ND		ug/kg	0.95	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.7	0.24	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-17
 Client ID: SB-5 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:50
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.7	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.7	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.7	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	4.7	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	0.37	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	98		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-18
 Client ID: SB-5 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/01/18 13:08
 Analyst: JC
 Percent Solids: 89%

Date Collected: 02/26/18 13:56
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.7	1.6	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.26	1
Chloroform	ND		ug/kg	1.4	0.36	1
Carbon tetrachloride	ND		ug/kg	0.97	0.33	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.97	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.30	1
Tetrachloroethene	ND		ug/kg	0.97	0.29	1
Chlorobenzene	ND		ug/kg	0.97	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.40	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.97	0.34	1
Bromodichloromethane	ND		ug/kg	0.97	0.30	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.97	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.97	0.20	1
1,1-Dichloropropene	ND		ug/kg	4.8	0.32	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.97	0.29	1
Benzene	0.27	J	ug/kg	0.97	0.19	1
Toluene	0.26	J	ug/kg	1.4	0.19	1
Ethylbenzene	ND		ug/kg	0.97	0.16	1
Chloromethane	ND		ug/kg	4.8	0.42	1
Bromomethane	ND		ug/kg	1.9	0.33	1
Vinyl chloride	ND		ug/kg	1.9	0.30	1
Chloroethane	ND		ug/kg	1.9	0.31	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.23	1
Trichloroethene	ND		ug/kg	0.97	0.29	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-18
 Client ID: SB-5 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:56
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.8	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	4.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	4.8	0.18	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	0.33	1
Xylenes, Total	ND		ug/kg	1.9	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.33	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.23	1
Dibromomethane	ND		ug/kg	9.7	0.23	1
Styrene	ND		ug/kg	1.9	0.39	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.48	1
Acetone	38		ug/kg	9.7	2.2	1
Carbon disulfide	ND		ug/kg	9.7	1.1	1
2-Butanone	ND		ug/kg	9.7	0.67	1
Vinyl acetate	ND		ug/kg	9.7	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.7	0.17	1
2-Hexanone	ND		ug/kg	9.7	0.65	1
Bromochloromethane	ND		ug/kg	4.8	0.35	1
2,2-Dichloropropane	ND		ug/kg	4.8	0.44	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.19	1
1,3-Dichloropropane	ND		ug/kg	4.8	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.97	0.31	1
Bromobenzene	ND		ug/kg	4.8	0.21	1
n-Butylbenzene	ND		ug/kg	0.97	0.22	1
sec-Butylbenzene	ND		ug/kg	0.97	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	0.34	1
Isopropylbenzene	ND		ug/kg	0.97	0.19	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.20	1
Naphthalene	0.19	J	ug/kg	4.8	0.13	1
Acrylonitrile	ND		ug/kg	9.7	0.50	1
n-Propylbenzene	ND		ug/kg	0.97	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.8	0.24	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-18
Client ID: SB-5 (9.5-10)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 13:56
Date Received: 02/27/18
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.8	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.8	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.8	0.18	1
1,4-Dioxane	ND		ug/kg	39	14.	1
p-Diethylbenzene	ND		ug/kg	3.9	3.9	1
p-Ethyltoluene	ND		ug/kg	3.9	0.23	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	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	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	97		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/28/18 08:12
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,08 Batch: WG1093164-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/28/18 08:12
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,08 Batch: WG1093164-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/28/18 08:12
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,08 Batch: WG1093164-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/28/18 08:12
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04-05,08 Batch: WG1093164-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	93		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/01/18 09:10
Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 09-10,14-18 Batch: WG1093379-10					
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	0.38	J	ug/kg	1.5	0.20
Ethylbenzene	ND		ug/kg	1.0	0.17
Chloromethane	0.46	J	ug/kg	5.0	0.44
Bromomethane	1.6	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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/01/18 09:10
Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 09-10,14-18 Batch: WG1093379-10					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/01/18 09:10
Analyst: KD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 09-10,14-18 Batch: WG1093379-10					
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	112		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	98		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/28/18 21:40
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06-07,09,11-13 Batch: WG1093379-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/28/18 21:40
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06-07,09,11-13 Batch: WG1093379-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 02/28/18 21:40
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 06-07,09,11-13 Batch: WG1093379-5					
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	96		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	94		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/01/18 09:06
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1093498-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/01/18 09:06
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1093498-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/01/18 09:06
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1093498-5					
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	102		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,08 Batch: WG1093164-3 WG1093164-4								
Methylene chloride	85		86		70-130	1		20
1,1-Dichloroethane	94		93		70-130	1		20
Chloroform	91		90		70-130	1		20
Carbon tetrachloride	81		80		63-132	1		20
1,2-Dichloropropane	94		93		70-130	1		20
Dibromochloromethane	83		82		63-130	1		20
1,1,2-Trichloroethane	96		97		70-130	1		20
Tetrachloroethene	83		81		70-130	2		20
Chlorobenzene	87		87		75-130	0		20
Trichlorofluoromethane	98		94		62-150	4		20
1,2-Dichloroethane	96		98		70-130	2		20
1,1,1-Trichloroethane	86		84		67-130	2		20
Bromodichloromethane	86		87		67-130	1		20
trans-1,3-Dichloropropene	90		90		70-130	0		20
cis-1,3-Dichloropropene	85		86		70-130	1		20
1,1-Dichloropropene	90		88		70-130	2		20
Bromoform	76		77		54-136	1		20
1,1,2,2-Tetrachloroethane	97		99		67-130	2		20
Benzene	89		88		70-130	1		20
Toluene	89		87		70-130	2		20
Ethylbenzene	92		90		70-130	2		20
Chloromethane	91		90		64-130	1		20
Bromomethane	68		66		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,08 Batch: WG1093164-3 WG1093164-4								
Vinyl chloride	86		84		55-140	2		20
Chloroethane	95		92		55-138	3		20
1,1-Dichloroethene	84		82		61-145	2		20
trans-1,2-Dichloroethene	85		84		70-130	1		20
Trichloroethene	86		84		70-130	2		20
1,2-Dichlorobenzene	88		88		70-130	0		20
1,3-Dichlorobenzene	86		87		70-130	1		20
1,4-Dichlorobenzene	87		88		70-130	1		20
Methyl tert butyl ether	79		81		63-130	3		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	84		84		70-130	0		20
Dibromomethane	87		89		70-130	2		20
1,2,3-Trichloropropane	97		100		64-130	3		20
Acrylonitrile	100		100		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	68		66		36-147	3		20
Acetone	110		120		58-148	9		20
Carbon disulfide	79		77		51-130	3		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	90		94		59-130	4		20
2-Hexanone	91		94		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,08 Batch: WG1093164-3 WG1093164-4								
Bromochloromethane	86		86		70-130	0		20
2,2-Dichloropropane	82		80		63-133	2		20
1,2-Dibromoethane	87		89		70-130	2		20
1,3-Dichloropropane	94		94		70-130	0		20
1,1,1,2-Tetrachloroethane	83		83		64-130	0		20
Bromobenzene	83		85		70-130	2		20
n-Butylbenzene	100		98		53-136	2		20
sec-Butylbenzene	94		94		70-130	0		20
tert-Butylbenzene	89		89		70-130	0		20
o-Chlorotoluene	93		93		70-130	0		20
p-Chlorotoluene	92		92		70-130	0		20
1,2-Dibromo-3-chloropropane	75		79		41-144	5		20
Hexachlorobutadiene	87		87		63-130	0		20
Isopropylbenzene	92		93		70-130	1		20
p-Isopropyltoluene	91		91		70-130	0		20
Naphthalene	87		93		70-130	7		20
n-Propylbenzene	99		98		69-130	1		20
1,2,3-Trichlorobenzene	93		96		70-130	3		20
1,2,4-Trichlorobenzene	86		89		70-130	3		20
1,3,5-Trimethylbenzene	92		92		64-130	0		20
1,2,4-Trimethylbenzene	92		93		70-130	1		20
1,4-Dioxane	78		82		56-162	5		20
p-Diethylbenzene	91		91		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04-05,08 Batch: WG1093164-3 WG1093164-4								
p-Ethyltoluene	94		93		70-130	1		20
1,2,4,5-Tetramethylbenzene	88		88		70-130	0		20
Ethyl ether	91		90		59-134	1		20
trans-1,4-Dichloro-2-butene	98		100		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	108		109		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	96		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07,09,11-13 Batch: WG1093379-3 WG1093379-4								
Methylene chloride	96		96		70-130	0		30
1,1-Dichloroethane	92		94		70-130	2		30
Chloroform	90		92		70-130	2		30
Carbon tetrachloride	91		91		70-130	0		30
1,2-Dichloropropane	96		98		70-130	2		30
Dibromochloromethane	82		84		70-130	2		30
1,1,2-Trichloroethane	98		97		70-130	1		30
Tetrachloroethene	95		95		70-130	0		30
Chlorobenzene	95		98		70-130	3		30
Trichlorofluoromethane	92		93		70-139	1		30
1,2-Dichloroethane	85		87		70-130	2		30
1,1,1-Trichloroethane	91		91		70-130	0		30
Bromodichloromethane	90		89		70-130	1		30
trans-1,3-Dichloropropene	86		87		70-130	1		30
cis-1,3-Dichloropropene	96		96		70-130	0		30
1,1-Dichloropropene	94		92		70-130	2		30
Bromoform	75		77		70-130	3		30
1,1,2,2-Tetrachloroethane	99		102		70-130	3		30
Benzene	92		93		70-130	1		30
Toluene	94		96		70-130	2		30
Ethylbenzene	95		96		70-130	1		30
Chloromethane	96		97		52-130	1		30
Bromomethane	86		92		57-147	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07,09,11-13 Batch: WG1093379-3 WG1093379-4								
Vinyl chloride	94		93		67-130	1		30
Chloroethane	87		88		50-151	1		30
1,1-Dichloroethene	99		97		65-135	2		30
trans-1,2-Dichloroethene	96		98		70-130	2		30
Trichloroethene	90		92		70-130	2		30
1,2-Dichlorobenzene	97		100		70-130	3		30
1,3-Dichlorobenzene	96		100		70-130	4		30
1,4-Dichlorobenzene	96		97		70-130	1		30
Methyl tert butyl ether	91		91		66-130	0		30
p/m-Xylene	99		102		70-130	3		30
o-Xylene	100		101		70-130	1		30
cis-1,2-Dichloroethene	95		95		70-130	0		30
Dibromomethane	95		92		70-130	3		30
Styrene	100		103		70-130	3		30
Dichlorodifluoromethane	89		90		30-146	1		30
Acetone	109		92		54-140	17		30
Carbon disulfide	96		96		59-130	0		30
2-Butanone	82		81		70-130	1		30
Vinyl acetate	93		96		70-130	3		30
4-Methyl-2-pentanone	89		90		70-130	1		30
1,2,3-Trichloropropane	92		93		68-130	1		30
2-Hexanone	84		78		70-130	7		30
Bromochloromethane	98		99		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07,09,11-13 Batch: WG1093379-3 WG1093379-4								
2,2-Dichloropropane	96		96		70-130	0		30
1,2-Dibromoethane	97		98		70-130	1		30
1,3-Dichloropropane	96		98		69-130	2		30
1,1,1,2-Tetrachloroethane	92		95		70-130	3		30
Bromobenzene	92		96		70-130	4		30
n-Butylbenzene	96		101		70-130	5		30
sec-Butylbenzene	96		99		70-130	3		30
tert-Butylbenzene	95		99		70-130	4		30
o-Chlorotoluene	93		96		70-130	3		30
p-Chlorotoluene	96		98		70-130	2		30
1,2-Dibromo-3-chloropropane	83		84		68-130	1		30
Hexachlorobutadiene	87		90		67-130	3		30
Isopropylbenzene	96		99		70-130	3		30
p-Isopropyltoluene	95		100		70-130	5		30
Naphthalene	95		98		70-130	3		30
Acrylonitrile	88		84		70-130	5		30
n-Propylbenzene	95		99		70-130	4		30
1,2,3-Trichlorobenzene	96		100		70-130	4		30
1,2,4-Trichlorobenzene	96		99		70-130	3		30
1,3,5-Trimethylbenzene	95		100		70-130	5		30
1,2,4-Trimethylbenzene	97		102		70-130	5		30
1,4-Dioxane	126		129		65-136	2		30
p-Diethylbenzene	96		101		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

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Report Date: 03/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 06-07,09,11-13 Batch: WG1093379-3 WG1093379-4								
p-Ethyltoluene	96		100		70-130	4		30
1,2,4,5-Tetramethylbenzene	98		101		70-130	3		30
Ethyl ether	102		104		67-130	2		30
trans-1,4-Dichloro-2-butene	83		88		70-130	6		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	96		93		70-130
Toluene-d8	101		101		70-130
4-Bromofluorobenzene	97		100		70-130
Dibromofluoromethane	98		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

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Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09-10,14-18 Batch: WG1093379-8 WG1093379-9								
Methylene chloride	94		89		70-130	5		30
1,1-Dichloroethane	93		93		70-130	0		30
Chloroform	92		92		70-130	0		30
Carbon tetrachloride	95		93		70-130	2		30
1,2-Dichloropropane	91		90		70-130	1		30
Dibromochloromethane	92		88		70-130	4		30
1,1,2-Trichloroethane	104		97		70-130	7		30
Tetrachloroethene	94		92		70-130	2		30
Chlorobenzene	95		94		70-130	1		30
Trichlorofluoromethane	104		101		70-139	3		30
1,2-Dichloroethane	97		93		70-130	4		30
1,1,1-Trichloroethane	96		92		70-130	4		30
Bromodichloromethane	96		94		70-130	2		30
trans-1,3-Dichloropropene	90		87		70-130	3		30
cis-1,3-Dichloropropene	94		92		70-130	2		30
1,1-Dichloropropene	89		87		70-130	2		30
Bromoform	82		79		70-130	4		30
1,1,2,2-Tetrachloroethane	108		103		70-130	5		30
Benzene	89		88		70-130	1		30
Toluene	93		93		70-130	0		30
Ethylbenzene	95		94		70-130	1		30
Chloromethane	96		94		52-130	2		30
Bromomethane	82		86		57-147	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09-10,14-18 Batch: WG1093379-8 WG1093379-9								
Vinyl chloride	90		88		67-130	2		30
Chloroethane	86		84		50-151	2		30
1,1-Dichloroethene	90		92		65-135	2		30
trans-1,2-Dichloroethene	89		90		70-130	1		30
Trichloroethene	90		90		70-130	0		30
1,2-Dichlorobenzene	101		99		70-130	2		30
1,3-Dichlorobenzene	99		97		70-130	2		30
1,4-Dichlorobenzene	99		95		70-130	4		30
Methyl tert butyl ether	90		90		66-130	0		30
p/m-Xylene	100		98		70-130	2		30
o-Xylene	98		97		70-130	1		30
cis-1,2-Dichloroethene	89		89		70-130	0		30
Dibromomethane	99		95		70-130	4		30
Styrene	100		98		70-130	2		30
Dichlorodifluoromethane	95		92		30-146	3		30
Acetone	92		81		54-140	13		30
Carbon disulfide	90		90		59-130	0		30
2-Butanone	76		73		70-130	4		30
Vinyl acetate	94		96		70-130	2		30
4-Methyl-2-pentanone	84		81		70-130	4		30
1,2,3-Trichloropropane	102		100		68-130	2		30
2-Hexanone	76		70		70-130	8		30
Bromochloromethane	97		94		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09-10,14-18 Batch: WG1093379-8 WG1093379-9								
2,2-Dichloropropane	97		97		70-130	0		30
1,2-Dibromoethane	100		94		70-130	6		30
1,3-Dichloropropane	99		97		69-130	2		30
1,1,1,2-Tetrachloroethane	99		93		70-130	6		30
Bromobenzene	96		93		70-130	3		30
n-Butylbenzene	102		99		70-130	3		30
sec-Butylbenzene	99		97		70-130	2		30
tert-Butylbenzene	96		96		70-130	0		30
o-Chlorotoluene	99		97		70-130	2		30
p-Chlorotoluene	98		97		70-130	1		30
1,2-Dibromo-3-chloropropane	91		87		68-130	4		30
Hexachlorobutadiene	91		91		67-130	0		30
Isopropylbenzene	94		94		70-130	0		30
p-Isopropyltoluene	100		96		70-130	4		30
Naphthalene	101		98		70-130	3		30
Acrylonitrile	92		88		70-130	4		30
n-Propylbenzene	98		95		70-130	3		30
1,2,3-Trichlorobenzene	104		101		70-130	3		30
1,2,4-Trichlorobenzene	102		95		70-130	7		30
1,3,5-Trimethylbenzene	100		98		70-130	2		30
1,2,4-Trimethylbenzene	101		99		70-130	2		30
1,4-Dioxane	133		126		65-136	5		30
p-Diethylbenzene	100		97		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 09-10,14-18 Batch: WG1093379-8 WG1093379-9								
p-Ethyltoluene	99		95		70-130	4		30
1,2,4,5-Tetramethylbenzene	103		99		70-130	4		30
Ethyl ether	101		101		67-130	0		30
trans-1,4-Dichloro-2-butene	97		87		70-130	11		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	114		109		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	103		101		70-130
Dibromofluoromethane	106		105		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1093498-3 WG1093498-4								
Methylene chloride	93		93		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	98		97		70-130	1		20
Carbon tetrachloride	92		94		63-132	2		20
1,2-Dichloropropane	99		98		70-130	1		20
Dibromochloromethane	92		92		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	93		92		70-130	1		20
Chlorobenzene	95		94		75-130	1		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	97		97		70-130	0		20
1,1,1-Trichloroethane	95		94		67-130	1		20
Bromodichloromethane	95		95		67-130	0		20
trans-1,3-Dichloropropene	93		94		70-130	1		20
cis-1,3-Dichloropropene	95		95		70-130	0		20
1,1-Dichloropropene	95		95		70-130	0		20
Bromoform	86		91		54-136	6		20
1,1,1,2-Tetrachloroethane	94		98		67-130	4		20
Benzene	99		100		70-130	1		20
Toluene	97		97		70-130	0		20
Ethylbenzene	97		96		70-130	1		20
Chloromethane	100		100		64-130	0		20
Bromomethane	93		90		39-139	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1093498-3 WG1093498-4								
Vinyl chloride	99		100		55-140	1		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	99		99		61-145	0		20
trans-1,2-Dichloroethene	95		97		70-130	2		20
Trichloroethene	97		96		70-130	1		20
1,2-Dichlorobenzene	90		89		70-130	1		20
1,3-Dichlorobenzene	93		92		70-130	1		20
1,4-Dichlorobenzene	92		90		70-130	2		20
Methyl tert butyl ether	88		89		63-130	1		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	97		96		70-130	1		20
Dibromomethane	96		95		70-130	1		20
1,2,3-Trichloropropane	90		96		64-130	6		20
Acrylonitrile	100		110		70-130	10		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	86		90		36-147	5		20
Acetone	110		110		58-148	0		20
Carbon disulfide	99		98		51-130	1		20
2-Butanone	110		110		63-138	0		20
Vinyl acetate	100		100		70-130	0		20
4-Methyl-2-pentanone	91		96		59-130	5		20
2-Hexanone	89		97		57-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1093498-3 WG1093498-4								
Bromochloromethane	99		100		70-130	1		20
2,2-Dichloropropane	97		98		63-133	1		20
1,2-Dibromoethane	92		94		70-130	2		20
1,3-Dichloropropane	98		97		70-130	1		20
1,1,1,2-Tetrachloroethane	94		96		64-130	2		20
Bromobenzene	90		89		70-130	1		20
n-Butylbenzene	98		92		53-136	6		20
sec-Butylbenzene	94		92		70-130	2		20
tert-Butylbenzene	78		75		70-130	4		20
o-Chlorotoluene	93		93		70-130	0		20
p-Chlorotoluene	92		90		70-130	2		20
1,2-Dibromo-3-chloropropane	75		78		41-144	4		20
Hexachlorobutadiene	86		79		63-130	8		20
Isopropylbenzene	90		90		70-130	0		20
p-Isopropyltoluene	91		88		70-130	3		20
Naphthalene	76		83		70-130	9		20
n-Propylbenzene	94		93		69-130	1		20
1,2,3-Trichlorobenzene	83		88		70-130	6		20
1,2,4-Trichlorobenzene	86		87		70-130	1		20
1,3,5-Trimethylbenzene	92		91		64-130	1		20
1,2,4-Trimethylbenzene	92		90		70-130	2		20
1,4-Dioxane	76		78		56-162	3		20
p-Diethylbenzene	91		86		70-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1093498-3 WG1093498-4								
p-Ethyltoluene	92		92		70-130	0		20
1,2,4,5-Tetramethylbenzene	95		91		70-130	4		20
Ethyl ether	98		100		59-134	2		20
trans-1,4-Dichloro-2-butene	92		96		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		102		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	96		96		70-130
Dibromofluoromethane	105		104		70-130

SEMIVOLATILES

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
 Client ID: TW-1
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 10:09
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 03/05/18 20:10
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 02/28/18 16:16

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

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
Client ID: TW-1
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 10:09
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
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	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	98		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	102		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
 Client ID: TW-1
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 10:09
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 03/02/18 12:59
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 02/28/18 16:16

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	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.07	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	0.04	1
Anthracene	0.07	J	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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
 Client ID: TW-1
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 10:09
 Date Received: 02/27/18
 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	52		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	101		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
Client ID: TW-4
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 13:00
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/05/18 20:36
Analyst: PS

Extraction Method:EPA 3510C
Extraction Date: 02/28/18 16:16

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

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
 Client ID: TW-4
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:00
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
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	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	97		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
Client ID: TW-4
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 13:00
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/02/18 13:28
Analyst: DV

Extraction Method:EPA 3510C
Extraction Date: 02/28/18 16:16

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	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.04	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	0.04	1
Anthracene	0.07	J	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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
 Client ID: TW-4
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:00
 Date Received: 02/27/18
 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	58		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	77		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-03
Client ID: TW-6
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 15:45
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/05/18 21:01
Analyst: PS

Extraction Method:EPA 3510C
Extraction Date: 02/28/18 16:16

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

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-03
Client ID: TW-6
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 15:45
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
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	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	102		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-03
Client ID: TW-6
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 15:45
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/02/18 13:57
Analyst: DV

Extraction Method:EPA 3510C
Extraction Date: 02/28/18 16:16

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	0.08	J	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	0.08	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.13		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.18		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.04	1
Chrysene	0.07	J	ug/l	0.10	0.04	1
Acenaphthylene	0.04	J	ug/l	0.10	0.04	1
Anthracene	0.04	J	ug/l	0.10	0.04	1
Benzo(ghi)perylene	0.08	J	ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.04	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	0.07	J	ug/l	0.10	0.04	1
Pyrene	0.06	J	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: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-03
 Client ID: TW-6
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 15:45
 Date Received: 02/27/18
 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	45		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	85		41-149

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-05
 Client ID: FIELD BLANK-TW
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 18:05
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 03/05/18 21:26
 Analyst: PS

Extraction Method: EPA 3510C
 Extraction Date: 02/28/18 16:16

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

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-05
 Client ID: FIELD BLANK-TW
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 18:05
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
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	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	82		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-05
Client ID: FIELD BLANK-TW
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 18:05
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/02/18 14:26
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 02/28/18 16:16

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	0.03	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	0.04	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: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-05
 Client ID: FIELD BLANK-TW
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 18:05
 Date Received: 02/27/18
 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	38		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	78		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-06
 Client ID: SB-6 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/05/18 17:07
 Analyst: EK
 Percent Solids: 89%

Date Collected: 02/26/18 14:24
 Date Received: 02/27/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	440		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	130	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-06
 Client ID: SB-6 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 14:24
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	260		ug/kg	110	21.	1
Benzo(a)pyrene	180		ug/kg	150	45.	1
Benzo(b)fluoranthene	290		ug/kg	110	31.	1
Benzo(k)fluoranthene	82	J	ug/kg	110	29.	1
Chrysene	270		ug/kg	110	19.	1
Acenaphthylene	47	J	ug/kg	150	28.	1
Anthracene	62	J	ug/kg	110	36.	1
Benzo(ghi)perylene	190		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	330		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	38	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	170		ug/kg	150	26.	1
Pyrene	410		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	47	J	ug/kg	180	17.	1
2-Methylnaphthalene	170	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-06
 Client ID: SB-6 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 14:24
 Date Received: 02/27/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	26	J	ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	28		10-136
4-Terphenyl-d14	76		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-07
 Client ID: SB-6 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/05/18 17:34
 Analyst: EK
 Percent Solids: 86%

Date Collected: 02/26/18 14:28
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

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	33.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	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	25.	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	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	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-07
 Client ID: SB-6 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 14:28
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
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	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	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	79.	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	24.	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	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	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	620	190	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-07
 Client ID: SB-6 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 14:28
 Date Received: 02/27/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	68		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-08
 Client ID: FIELD BLANK-SOIL
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 03/05/18 21:52
 Analyst: PS

Date Collected: 02/26/18 17:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Extraction Method: EPA 3510C
 Extraction Date: 02/28/18 16:16

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

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-08
 Client ID: FIELD BLANK-SOIL
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 17:45
 Date Received: 02/27/18
 Field Prep: Not Specified

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	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	101		10-120
4-Terphenyl-d14	101		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-08
 Client ID: FIELD BLANK-SOIL
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 03/02/18 14:56
 Analyst: DV

Date Collected: 02/26/18 17:45
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 02/28/18 16:16

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	0.03	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	0.04	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: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-08

Date Collected: 02/26/18 17:45

Client ID: FIELD BLANK-SOIL

Date Received: 02/27/18

Sample Location: 180 E. 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

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	49		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	87		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09
 Client ID: SB-1 (0-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/05/18 18:00
 Analyst: EK
 Percent Solids: 92%

Date Collected: 02/26/18 09:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	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	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	94	J	ug/kg	110	21.	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	220	31.	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	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	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	61.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09
 Client ID: SB-1 (0-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 09:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	69	J	ug/kg	110	20.	1
Benzo(a)pyrene	50	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	64	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	67	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	66	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	52	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	54	J	ug/kg	140	25.	1
Pyrene	93	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	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	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09
 Client ID: SB-1 (0-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 09:45
 Date Received: 02/27/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	47		10-136
4-Terphenyl-d14	64		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-10
 Client ID: SB-1 (12-12.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/05/18 22:43
 Analyst: PS
 Percent Solids: 91%

Date Collected: 02/26/18 09:55
 Date Received: 02/27/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

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	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	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		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	ND		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	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	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	61.	1
Diethyl phthalate	ND		ug/kg	180	16.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-10
 Client ID: SB-1 (12-12.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 09:55
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	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	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-10
 Client ID: SB-1 (12-12.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 09:55
 Date Received: 02/27/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	85		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	90		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-11
 Client ID: SB-2 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 00:51
 Analyst: PS
 Percent Solids: 88%

Date Collected: 02/26/18 11:37
 Date Received: 02/27/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	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	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	300		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	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	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-11
 Client ID: SB-2 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 11:37
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	130		ug/kg	110	21.	1
Benzo(a)pyrene	89	J	ug/kg	150	46.	1
Benzo(b)fluoranthene	120		ug/kg	110	31.	1
Benzo(k)fluoranthene	37	J	ug/kg	110	30.	1
Chrysene	110		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	57	J	ug/kg	110	36.	1
Benzo(ghi)perylene	54	J	ug/kg	150	22.	1
Fluorene	22	J	ug/kg	190	18.	1
Phenanthrene	310		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	63	J	ug/kg	150	26.	1
Pyrene	250		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	25	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	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	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-11
Client ID: SB-2 (1-2)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 11:37
Date Received: 02/27/18
Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	36	J	ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	77		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-12
 Client ID: SB-2 (10.5-11)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/05/18 23:08
 Analyst: PS
 Percent Solids: 96%

Date Collected: 02/26/18 11:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

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	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1
Diethyl phthalate	ND		ug/kg	170	16.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-12
 Client ID: SB-2 (10.5-11)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 11:45
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-12
 Client ID: SB-2 (10.5-11)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 11:45
 Date Received: 02/27/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	95		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-13
 Client ID: SB-3 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 03:50
 Analyst: PS
 Percent Solids: 90%

Date Collected: 02/26/18 12:15
 Date Received: 02/27/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	150		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	45	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	150	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-13
 Client ID: SB-3 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 12:15
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	100	J	ug/kg	110	21.	1
Benzo(a)pyrene	98	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	160		ug/kg	110	31.	1
Benzo(k)fluoranthene	41	J	ug/kg	110	30.	1
Chrysene	91	J	ug/kg	110	19.	1
Acenaphthylene	93	J	ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	94	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	58	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	100	J	ug/kg	150	26.	1
Pyrene	160		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-13
 Client ID: SB-3 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 12:15
 Date Received: 02/27/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	78		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-14
 Client ID: SB-3 (7-7.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/05/18 23:34
 Analyst: PS
 Percent Solids: 98%

Date Collected: 02/26/18 12:24
 Date Received: 02/27/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	16.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.	1
2,4-Dinitrotoluene	ND		ug/kg	170	33.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	25.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1
Diethyl phthalate	ND		ug/kg	170	15.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-14
 Client ID: SB-3 (7-7.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 12:24
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	130	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	32.	1
Benzo(ghi)perylene	ND		ug/kg	130	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	ND		ug/kg	100	16.	1
Biphenyl	ND		ug/kg	380	39.	1
4-Chloroaniline	ND		ug/kg	170	30.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	31.	1
4-Nitroaniline	ND		ug/kg	170	69.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	55.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	230	68.	1
2,4-Dinitrophenol	ND		ug/kg	800	78.	1
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.	1
Pentachlorophenol	ND		ug/kg	130	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	540	170	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-14
 Client ID: SB-3 (7-7.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 12:24
 Date Received: 02/27/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	170	51.	1
Carbazole	ND		ug/kg	170	16.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	92		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-15
 Client ID: SB-4 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 04:16
 Analyst: PS
 Percent Solids: 88%

Date Collected: 02/26/18 13:06
 Date Received: 02/27/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	34	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	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	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	550		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	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	23	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	66	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	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	17.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-15
 Client ID: SB-4 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:06
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	260		ug/kg	110	21.	1
Benzo(a)pyrene	200		ug/kg	150	46.	1
Benzo(b)fluoranthene	280		ug/kg	110	32.	1
Benzo(k)fluoranthene	80	J	ug/kg	110	30.	1
Chrysene	220		ug/kg	110	19.	1
Acenaphthylene	68	J	ug/kg	150	29.	1
Anthracene	100	J	ug/kg	110	36.	1
Benzo(ghi)perylene	130	J	ug/kg	150	22.	1
Fluorene	26	J	ug/kg	190	18.	1
Phenanthrene	350		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	34	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	150		ug/kg	150	26.	1
Pyrene	460		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	18	J	ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	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	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-15
 Client ID: SB-4 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:06
 Date Received: 02/27/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	33	J	ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	104		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	82		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-16
 Client ID: SB-4 (13-13.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/05/18 23:59
 Analyst: PS
 Percent Solids: 78%

Date Collected: 02/26/18 13:12
 Date Received: 02/27/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-16
 Client ID: SB-4 (13-13.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:12
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	24.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	480	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-16
 Client ID: SB-4 (13-13.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:12
 Date Received: 02/27/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	210	64.	1
Carbazole	ND		ug/kg	210	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	88		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	94		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-17
 Client ID: SB-5 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 05:07
 Analyst: PS
 Percent Solids: 88%

Date Collected: 02/26/18 13:50
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	79	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	1600		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	200		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-17
 Client ID: SB-5 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:50
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	860		ug/kg	110	21.	1
Benzo(a)pyrene	800		ug/kg	150	45.	1
Benzo(b)fluoranthene	1100		ug/kg	110	31.	1
Benzo(k)fluoranthene	320		ug/kg	110	30.	1
Chrysene	770		ug/kg	110	19.	1
Acenaphthylene	230		ug/kg	150	28.	1
Anthracene	270		ug/kg	110	36.	1
Benzo(ghi)perylene	590		ug/kg	150	22.	1
Fluorene	90	J	ug/kg	180	18.	1
Phenanthrene	1000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	140		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	660		ug/kg	150	26.	1
Pyrene	1500		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	50	J	ug/kg	180	17.	1
2-Methylnaphthalene	56	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-17
 Client ID: SB-5 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:50
 Date Received: 02/27/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	140	J	ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	123		10-136
4-Terphenyl-d14	66		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-18
 Client ID: SB-5 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 05:33
 Analyst: PS
 Percent Solids: 89%

Date Collected: 02/26/18 13:56
 Date Received: 02/27/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 02/28/18 08:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	220		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	3100		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	460		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	130	J	ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-18
 Client ID: SB-5 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:56
 Date Received: 02/27/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	1700		ug/kg	110	21.	1
Benzo(a)pyrene	1700		ug/kg	150	45.	1
Benzo(b)fluoranthene	2300		ug/kg	110	31.	1
Benzo(k)fluoranthene	670		ug/kg	110	30.	1
Chrysene	1600		ug/kg	110	19.	1
Acenaphthylene	730		ug/kg	150	28.	1
Anthracene	530		ug/kg	110	36.	1
Benzo(ghi)perylene	1200		ug/kg	150	22.	1
Fluorene	210		ug/kg	180	18.	1
Phenanthrene	1800		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	290		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1400		ug/kg	150	26.	1
Pyrene	2800		ug/kg	110	18.	1
Biphenyl	46	J	ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	160	J	ug/kg	180	17.	1
2-Methylnaphthalene	270		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	56	J	ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	310		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-18
 Client ID: SB-5 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:56
 Date Received: 02/27/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	230		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	105		23-120
2-Fluorobiphenyl	97		30-120
2,4,6-Tribromophenol	118		10-136
4-Terphenyl-d14	79		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/28/18 15:16
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/28/18 07:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07,09-18 Batch: WG1093017-1					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/28/18 15:16
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/28/18 07:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07,09-18 Batch: WG1093017-1					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 02/28/18 15:16
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 02/28/18 07:48

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 06-07,09-18 Batch: WG1093017-1					
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	92		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	96		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/04/18 18:15
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 02/28/18 16:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05,08 Batch: WG1093149-1					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/04/18 18:15
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 02/28/18 16:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05,08 Batch: WG1093149-1					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/04/18 18:15
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 02/28/18 16:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05,08 Batch: WG1093149-1					
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	4.01	J	ug/l
Aldol Condensates	4.01	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	98		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/18 11:55
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 02/28/18 16:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05,08 Batch: WG1093150-1					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/18 11:55
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 02/28/18 16:16

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05,08 Batch: WG1093150-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07,09-18 Batch: WG1093017-2 WG1093017-3								
Acenaphthene	79		88		31-137	11		50
1,2,4-Trichlorobenzene	80		84		38-107	5		50
Hexachlorobenzene	82		90		40-140	9		50
Bis(2-chloroethyl)ether	86		90		40-140	5		50
2-Chloronaphthalene	82		86		40-140	5		50
1,2-Dichlorobenzene	84		83		40-140	1		50
1,3-Dichlorobenzene	81		81		40-140	0		50
1,4-Dichlorobenzene	80		80		28-104	0		50
3,3'-Dichlorobenzidine	48		52		40-140	8		50
2,4-Dinitrotoluene	85		90		40-132	6		50
2,6-Dinitrotoluene	85		88		40-140	3		50
Fluoranthene	83		86		40-140	4		50
4-Chlorophenyl phenyl ether	78		84		40-140	7		50
4-Bromophenyl phenyl ether	81		86		40-140	6		50
Bis(2-chloroisopropyl)ether	87		92		40-140	6		50
Bis(2-chloroethoxy)methane	86		91		40-117	6		50
Hexachlorobutadiene	74		78		40-140	5		50
Hexachlorocyclopentadiene	63		68		40-140	8		50
Hexachloroethane	81		82		40-140	1		50
Isophorone	82		89		40-140	8		50
Naphthalene	79		84		40-140	6		50
Nitrobenzene	81		88		40-140	8		50
NDPA/DPA	81		88		36-157	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07,09-18 Batch: WG1093017-2 WG1093017-3								
n-Nitrosodi-n-propylamine	85		91		32-121	7		50
Bis(2-ethylhexyl)phthalate	78		85		40-140	9		50
Butyl benzyl phthalate	84		86		40-140	2		50
Di-n-butylphthalate	79		86		40-140	8		50
Di-n-octylphthalate	78		84		40-140	7		50
Diethyl phthalate	81		86		40-140	6		50
Dimethyl phthalate	80		85		40-140	6		50
Benzo(a)anthracene	77		82		40-140	6		50
Benzo(a)pyrene	82		87		40-140	6		50
Benzo(b)fluoranthene	82		88		40-140	7		50
Benzo(k)fluoranthene	81		83		40-140	2		50
Chrysene	78		83		40-140	6		50
Acenaphthylene	84		90		40-140	7		50
Anthracene	80		86		40-140	7		50
Benzo(ghi)perylene	82		87		40-140	6		50
Fluorene	83		89		40-140	7		50
Phenanthrene	80		86		40-140	7		50
Dibenzo(a,h)anthracene	81		85		40-140	5		50
Indeno(1,2,3-cd)pyrene	81		86		40-140	6		50
Pyrene	81		85		35-142	5		50
Biphenyl	83		89		54-104	7		50
4-Chloroaniline	74		80		40-140	8		50
2-Nitroaniline	84		92		47-134	9		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-07,09-18 Batch: WG1093017-2 WG1093017-3								
3-Nitroaniline	62		70		26-129	12		50
4-Nitroaniline	85		91		41-125	7		50
Dibenzofuran	81		86		40-140	6		50
2-Methylnaphthalene	83		90		40-140	8		50
1,2,4,5-Tetrachlorobenzene	83		88		40-117	6		50
Acetophenone	87		92		14-144	6		50
2,4,6-Trichlorophenol	81		87		30-130	7		50
p-Chloro-m-cresol	82		88		26-103	7		50
2-Chlorophenol	86		91		25-102	6		50
2,4-Dichlorophenol	86		95		30-130	10		50
2,4-Dimethylphenol	84		93		30-130	10		50
2-Nitrophenol	89		93		30-130	4		50
4-Nitrophenol	82		89		11-114	8		50
2,4-Dinitrophenol	66		69		4-130	4		50
4,6-Dinitro-o-cresol	85		92		10-130	8		50
Pentachlorophenol	73		77		17-109	5		50
Phenol	88		96	Q	26-90	9		50
2-Methylphenol	87		96		30-130.	10		50
3-Methylphenol/4-Methylphenol	95		102		30-130	7		50
2,4,5-Trichlorophenol	84		91		30-130	8		50
Benzoic Acid	44		48		10-110	9		50
Benzyl Alcohol	84		91		40-140	8		50
Carbazole	84		89		54-128	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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): 06-07,09-18 Batch: WG1093017-2 WG1093017-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	88		92		25-120
Phenol-d6	87		96		10-120
Nitrobenzene-d5	82		88		23-120
2-Fluorobiphenyl	81		90		30-120
2,4,6-Tribromophenol	83		94		10-136
4-Terphenyl-d14	84		87		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05,08 Batch: WG1093149-2 WG1093149-3								
Acenaphthene	71		70		37-111	1		30
1,2,4-Trichlorobenzene	67		64		39-98	5		30
Hexachlorobenzene	81		78		40-140	4		30
Bis(2-chloroethyl)ether	76		72		40-140	5		30
2-Chloronaphthalene	85		85		40-140	0		30
1,2-Dichlorobenzene	64		60		40-140	6		30
1,3-Dichlorobenzene	61		56		40-140	9		30
1,4-Dichlorobenzene	60		57		36-97	5		30
3,3'-Dichlorobenzidine	86		86		40-140	0		30
2,4-Dinitrotoluene	88		84		48-143	5		30
2,6-Dinitrotoluene	100		95		40-140	5		30
Fluoranthene	84		79		40-140	6		30
4-Chlorophenyl phenyl ether	78		78		40-140	0		30
4-Bromophenyl phenyl ether	81		78		40-140	4		30
Bis(2-chloroisopropyl)ether	65		63		40-140	3		30
Bis(2-chloroethoxy)methane	89		88		40-140	1		30
Hexachlorobutadiene	63		64		40-140	2		30
Hexachlorocyclopentadiene	58		57		40-140	2		30
Hexachloroethane	63		60		40-140	5		30
Isophorone	103		100		40-140	3		30
Naphthalene	68		68		40-140	0		30
Nitrobenzene	90		86		40-140	5		30
NDPA/DPA	78		76		40-140	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05,08 Batch: WG1093149-2 WG1093149-3								
n-Nitrosodi-n-propylamine	96		93		29-132	3		30
Bis(2-ethylhexyl)phthalate	96		96		40-140	0		30
Butyl benzyl phthalate	96		92		40-140	4		30
Di-n-butylphthalate	92		87		40-140	6		30
Di-n-octylphthalate	100		100		40-140	0		30
Diethyl phthalate	88		86		40-140	2		30
Dimethyl phthalate	100		95		40-140	5		30
Benzo(a)anthracene	89		87		40-140	2		30
Benzo(a)pyrene	85		83		40-140	2		30
Benzo(b)fluoranthene	84		82		40-140	2		30
Benzo(k)fluoranthene	84		83		40-140	1		30
Chrysene	84		81		40-140	4		30
Acenaphthylene	91		88		45-123	3		30
Anthracene	82		78		40-140	5		30
Benzo(ghi)perylene	106		104		40-140	2		30
Fluorene	77		75		40-140	3		30
Phenanthrene	77		74		40-140	4		30
Dibenzo(a,h)anthracene	105		103		40-140	2		30
Indeno(1,2,3-cd)pyrene	108		104		40-140	4		30
Pyrene	81		76		26-127	6		30
Biphenyl	86		86		40-140	0		30
4-Chloroaniline	62		58		40-140	7		30
2-Nitroaniline	98		95		52-143	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05,08 Batch: WG1093149-2 WG1093149-3								
3-Nitroaniline	64		63		25-145	2		30
4-Nitroaniline	72		74		51-143	3		30
Dibenzofuran	76		76		40-140	0		30
2-Methylnaphthalene	73		73		40-140	0		30
1,2,4,5-Tetrachlorobenzene	84		85		2-134	1		30
Acetophenone	92		88		39-129	4		30
2,4,6-Trichlorophenol	97		95		30-130	2		30
p-Chloro-m-cresol	104	Q	100	Q	23-97	4		30
2-Chlorophenol	73		68		27-123	7		30
2,4-Dichlorophenol	87		85		30-130	2		30
2,4-Dimethylphenol	86		83		30-130	4		30
2-Nitrophenol	84		81		30-130	4		30
4-Nitrophenol	68		53		10-80	25		30
2,4-Dinitrophenol	74		73		20-130	1		30
4,6-Dinitro-o-cresol	96		93		20-164	3		30
Pentachlorophenol	63		60		9-103	5		30
Phenol	40		38		12-110	5		30
2-Methylphenol	74		72		30-130	3		30
3-Methylphenol/4-Methylphenol	68		67		30-130	1		30
2,4,5-Trichlorophenol	101		96		30-130	5		30
Benzoic Acid	27		27		10-164	0		30
Benzyl Alcohol	88		84		26-116	5		30
Carbazole	81		78		55-144	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05,08 Batch: WG1093149-2 WG1093149-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		47		21-120
Phenol-d6	40		38		10-120
Nitrobenzene-d5	92		89		23-120
2-Fluorobiphenyl	86		85		15-120
2,4,6-Tribromophenol	84		83		10-120
4-Terphenyl-d14	81		78		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05,08 Batch: WG1093150-2 WG1093150-3								
Acenaphthene	71		68		40-140	4		40
2-Chloronaphthalene	70		68		40-140	3		40
Fluoranthene	75		72		40-140	4		40
Hexachlorobutadiene	56		55		40-140	2		40
Naphthalene	64		63		40-140	2		40
Benzo(a)anthracene	73		71		40-140	3		40
Benzo(a)pyrene	80		78		40-140	3		40
Benzo(b)fluoranthene	79		78		40-140	1		40
Benzo(k)fluoranthene	83		82		40-140	1		40
Chrysene	76		74		40-140	3		40
Acenaphthylene	74		72		40-140	3		40
Anthracene	76		73		40-140	4		40
Benzo(ghi)perylene	78		77		40-140	1		40
Fluorene	77		74		40-140	4		40
Phenanthrene	72		70		40-140	3		40
Dibenzo(a,h)anthracene	84		82		40-140	2		40
Indeno(1,2,3-cd)pyrene	81		80		40-140	1		40
Pyrene	74		72		40-140	3		40
2-Methylnaphthalene	67		66		40-140	2		40
Pentachlorophenol	79		75		40-140	5		40
Hexachlorobenzene	71		69		40-140	3		40
Hexachloroethane	54		54		40-140	0		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05,08 Batch: WG1093150-2 WG1093150-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		46		21-120
Phenol-d6	33		33		10-120
Nitrobenzene-d5	71		71		23-120
2-Fluorobiphenyl	69		68		15-120
2,4,6-Tribromophenol	85		81		10-120
4-Terphenyl-d14	74		72		41-149

PCBS

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
Client ID: TW-1
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 10:09
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/01/18 13:07
Analyst: AF

Extraction Method:EPA 3510C
Extraction Date: 02/28/18 14:00
Cleanup Method: EPA 3665A
Cleanup Date: 03/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/01/18

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	85		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
Client ID: TW-4
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 13:00
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/01/18 13:20
Analyst: AF

Extraction Method:EPA 3510C
Extraction Date: 02/28/18 14:00
Cleanup Method: EPA 3665A
Cleanup Date: 03/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/01/18

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	91		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-03
Client ID: TW-6
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 15:45
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/01/18 13:32
Analyst: AF

Extraction Method:EPA 3510C
Extraction Date: 02/28/18 14:00
Cleanup Method: EPA 3665A
Cleanup Date: 03/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/01/18

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	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-05
Client ID: FIELD BLANK-TW
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 18:05
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/01/18 13:45
Analyst: AF

Extraction Method:EPA 3510C
Extraction Date: 02/28/18 14:00
Cleanup Method: EPA 3665A
Cleanup Date: 03/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/01/18

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	88		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-06
 Client ID: SB-6 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/01/18 12:49
 Analyst: AF
 Percent Solids: 89%

Date Collected: 02/26/18 14:24
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 10:18
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.9	4.19	1	A
Aroclor 1221	ND		ug/kg	36.9	5.62	1	A
Aroclor 1232	ND		ug/kg	36.9	3.63	1	A
Aroclor 1242	ND		ug/kg	36.9	4.52	1	A
Aroclor 1248	ND		ug/kg	36.9	4.14	1	A
Aroclor 1254	9.60	J	ug/kg	36.9	3.01	1	B
Aroclor 1260	ND		ug/kg	36.9	3.86	1	A
Aroclor 1262	ND		ug/kg	36.9	3.04	1	A
Aroclor 1268	ND		ug/kg	36.9	2.62	1	A
PCBs, Total	9.60	J	ug/kg	36.9	2.62	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-07
Client ID: SB-6 (9.5-10)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/01/18 13:02
Analyst: AF
Percent Solids: 86%

Date Collected: 02/26/18 14:28
Date Received: 02/27/18
Field Prep: Not Specified
Extraction Method:EPA 3546
Extraction Date: 02/28/18 10:18
Cleanup Method: EPA 3665A
Cleanup Date: 03/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	4.30	1	A
Aroclor 1221	ND		ug/kg	38.0	5.78	1	A
Aroclor 1232	ND		ug/kg	38.0	3.74	1	A
Aroclor 1242	ND		ug/kg	38.0	4.65	1	A
Aroclor 1248	ND		ug/kg	38.0	4.26	1	A
Aroclor 1254	ND		ug/kg	38.0	3.10	1	A
Aroclor 1260	ND		ug/kg	38.0	3.96	1	A
Aroclor 1262	ND		ug/kg	38.0	3.12	1	A
Aroclor 1268	ND		ug/kg	38.0	2.69	1	A
PCBs, Total	ND		ug/kg	38.0	2.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-08
Client ID: FIELD BLANK-SOIL
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/01/18 13:57
Analyst: AF

Date Collected: 02/26/18 17:45
Date Received: 02/27/18
Field Prep: Not Specified
Extraction Method:EPA 3510C
Extraction Date: 02/28/18 14:00
Cleanup Method: EPA 3665A
Cleanup Date: 03/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/01/18

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	87		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09
Client ID: SB-1 (0-2)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/01/18 13:15
Analyst: AF
Percent Solids: 92%

Date Collected: 02/26/18 09:45
Date Received: 02/27/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 02/28/18 10:18
Cleanup Method: EPA 3665A
Cleanup Date: 03/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.98	1	A
Aroclor 1221	ND		ug/kg	35.1	5.34	1	A
Aroclor 1232	ND		ug/kg	35.1	3.46	1	A
Aroclor 1242	ND		ug/kg	35.1	4.30	1	A
Aroclor 1248	ND		ug/kg	35.1	3.94	1	A
Aroclor 1254	ND		ug/kg	35.1	2.86	1	A
Aroclor 1260	ND		ug/kg	35.1	3.67	1	A
Aroclor 1262	ND		ug/kg	35.1	2.89	1	A
Aroclor 1268	ND		ug/kg	35.1	2.49	1	A
PCBs, Total	ND		ug/kg	35.1	2.49	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-10
Client ID: SB-1 (12-12.5)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/01/18 13:29
Analyst: AF
Percent Solids: 91%

Date Collected: 02/26/18 09:55
Date Received: 02/27/18
Field Prep: Not Specified
Extraction Method:EPA 3546
Extraction Date: 02/28/18 10:18
Cleanup Method: EPA 3665A
Cleanup Date: 03/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	4.07	1	A
Aroclor 1221	ND		ug/kg	35.8	5.46	1	A
Aroclor 1232	ND		ug/kg	35.8	3.53	1	A
Aroclor 1242	ND		ug/kg	35.8	4.39	1	A
Aroclor 1248	ND		ug/kg	35.8	4.02	1	A
Aroclor 1254	ND		ug/kg	35.8	2.92	1	A
Aroclor 1260	ND		ug/kg	35.8	3.74	1	A
Aroclor 1262	ND		ug/kg	35.8	2.95	1	A
Aroclor 1268	ND		ug/kg	35.8	2.54	1	A
PCBs, Total	ND		ug/kg	35.8	2.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-11
 Client ID: SB-2 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/01/18 13:42
 Analyst: AF
 Percent Solids: 88%

Date Collected: 02/26/18 11:37
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 10:18
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	4.22	1	A
Aroclor 1221	ND		ug/kg	37.2	5.66	1	A
Aroclor 1232	ND		ug/kg	37.2	3.66	1	A
Aroclor 1242	ND		ug/kg	37.2	4.55	1	A
Aroclor 1248	ND		ug/kg	37.2	4.17	1	A
Aroclor 1254	ND		ug/kg	37.2	3.03	1	A
Aroclor 1260	ND		ug/kg	37.2	3.88	1	A
Aroclor 1262	ND		ug/kg	37.2	3.06	1	A
Aroclor 1268	ND		ug/kg	37.2	2.63	1	A
PCBs, Total	ND		ug/kg	37.2	2.63	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	37		30-150	A
Decachlorobiphenyl	28	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	30		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-12
 Client ID: SB-2 (10.5-11)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/01/18 13:56
 Analyst: AF
 Percent Solids: 96%

Date Collected: 02/26/18 11:45
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 10:18
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	32.8	3.72	1	A
Aroclor 1221	ND		ug/kg	32.8	5.00	1	A
Aroclor 1232	ND		ug/kg	32.8	3.23	1	A
Aroclor 1242	ND		ug/kg	32.8	4.02	1	A
Aroclor 1248	ND		ug/kg	32.8	3.68	1	A
Aroclor 1254	ND		ug/kg	32.8	2.68	1	A
Aroclor 1260	ND		ug/kg	32.8	3.43	1	A
Aroclor 1262	ND		ug/kg	32.8	2.70	1	A
Aroclor 1268	ND		ug/kg	32.8	2.32	1	A
PCBs, Total	ND		ug/kg	32.8	2.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-13
Client ID: SB-3 (1-2)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/01/18 14:09
Analyst: AF
Percent Solids: 90%

Date Collected: 02/26/18 12:15
Date Received: 02/27/18
Field Prep: Not Specified
Extraction Method:EPA 3546
Extraction Date: 02/28/18 10:18
Cleanup Method: EPA 3665A
Cleanup Date: 03/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.8	4.06	1	A
Aroclor 1221	ND		ug/kg	35.8	5.46	1	A
Aroclor 1232	ND		ug/kg	35.8	3.53	1	A
Aroclor 1242	ND		ug/kg	35.8	4.39	1	A
Aroclor 1248	ND		ug/kg	35.8	4.02	1	A
Aroclor 1254	ND		ug/kg	35.8	2.92	1	A
Aroclor 1260	ND		ug/kg	35.8	3.74	1	A
Aroclor 1262	ND		ug/kg	35.8	2.95	1	A
Aroclor 1268	ND		ug/kg	35.8	2.54	1	A
PCBs, Total	ND		ug/kg	35.8	2.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-14
 Client ID: SB-3 (7-7.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/01/18 14:23
 Analyst: AF
 Percent Solids: 98%

Date Collected: 02/26/18 12:24
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 10:18
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.1	3.75	1	A
Aroclor 1221	ND		ug/kg	33.1	5.04	1	A
Aroclor 1232	ND		ug/kg	33.1	3.26	1	A
Aroclor 1242	ND		ug/kg	33.1	4.05	1	A
Aroclor 1248	ND		ug/kg	33.1	3.71	1	A
Aroclor 1254	ND		ug/kg	33.1	2.70	1	A
Aroclor 1260	ND		ug/kg	33.1	3.46	1	A
Aroclor 1262	ND		ug/kg	33.1	2.72	1	A
Aroclor 1268	ND		ug/kg	33.1	2.34	1	A
PCBs, Total	ND		ug/kg	33.1	2.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-15
Client ID: SB-4 (1-2)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/05/18 15:37
Analyst: WR
Percent Solids: 88%

Date Collected: 02/26/18 13:06
Date Received: 02/27/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/05/18 00:13
Cleanup Method: EPA 3665A
Cleanup Date: 03/05/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.9	4.18	1	A
Aroclor 1221	ND		ug/kg	36.9	5.61	1	A
Aroclor 1232	ND		ug/kg	36.9	3.63	1	A
Aroclor 1242	ND		ug/kg	36.9	4.51	1	A
Aroclor 1248	ND		ug/kg	36.9	4.14	1	A
Aroclor 1254	ND		ug/kg	36.9	3.01	1	A
Aroclor 1260	4.35	J	ug/kg	36.9	3.85	1	A
Aroclor 1262	ND		ug/kg	36.9	3.03	1	A
Aroclor 1268	ND		ug/kg	36.9	2.61	1	A
PCBs, Total	4.35	J	ug/kg	36.9	2.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-16
 Client ID: SB-4 (13-13.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/01/18 14:49
 Analyst: AF
 Percent Solids: 78%

Date Collected: 02/26/18 13:12
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 10:18
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.5	4.70	1	A
Aroclor 1221	ND		ug/kg	41.5	6.32	1	A
Aroclor 1232	ND		ug/kg	41.5	4.08	1	A
Aroclor 1242	ND		ug/kg	41.5	5.08	1	A
Aroclor 1248	ND		ug/kg	41.5	4.66	1	A
Aroclor 1254	ND		ug/kg	41.5	3.38	1	A
Aroclor 1260	ND		ug/kg	41.5	4.33	1	A
Aroclor 1262	ND		ug/kg	41.5	3.41	1	A
Aroclor 1268	ND		ug/kg	41.5	2.94	1	A
PCBs, Total	ND		ug/kg	41.5	2.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-17
 Client ID: SB-5 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/01/18 15:03
 Analyst: AF
 Percent Solids: 88%

Date Collected: 02/26/18 13:50
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 10:18
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	4.15	1	A
Aroclor 1221	ND		ug/kg	36.6	5.57	1	A
Aroclor 1232	ND		ug/kg	36.6	3.60	1	A
Aroclor 1242	ND		ug/kg	36.6	4.48	1	A
Aroclor 1248	ND		ug/kg	36.6	4.11	1	A
Aroclor 1254	ND		ug/kg	36.6	2.99	1	A
Aroclor 1260	7.50	J	ug/kg	36.6	3.82	1	B
Aroclor 1262	ND		ug/kg	36.6	3.01	1	A
Aroclor 1268	ND		ug/kg	36.6	2.59	1	A
PCBs, Total	7.50	J	ug/kg	36.6	2.59	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	45		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	44		30-150	B
Decachlorobiphenyl	29	Q	30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-18
 Client ID: SB-5 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/01/18 15:16
 Analyst: AF
 Percent Solids: 89%

Date Collected: 02/26/18 13:56
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 10:18
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/01/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	4.11	1	A
Aroclor 1221	ND		ug/kg	36.2	5.52	1	A
Aroclor 1232	ND		ug/kg	36.2	3.57	1	A
Aroclor 1242	ND		ug/kg	36.2	4.44	1	A
Aroclor 1248	ND		ug/kg	36.2	4.07	1	A
Aroclor 1254	5.63	J	ug/kg	36.2	2.96	1	B
Aroclor 1260	8.85	J	ug/kg	36.2	3.78	1	B
Aroclor 1262	ND		ug/kg	36.2	2.98	1	A
Aroclor 1268	ND		ug/kg	36.2	2.57	1	A
PCBs, Total	14.5	J	ug/kg	36.2	2.57	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/01/18 12:30
Analyst: AF

Extraction Method: EPA 3510C
Extraction Date: 02/28/18 14:00
Cleanup Method: EPA 3665A
Cleanup Date: 03/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03,05,08 Batch: WG1093078-1						
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	80		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	91		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/01/18 12:08
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/28/18 10:18
Cleanup Method: EPA 3665A
Cleanup Date: 03/01/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 06-07,09-14,16-18 Batch: WG1093080-1						
Aroclor 1016	ND		ug/kg	31.3	3.55	A
Aroclor 1221	ND		ug/kg	31.3	4.76	A
Aroclor 1232	ND		ug/kg	31.3	3.08	A
Aroclor 1242	ND		ug/kg	31.3	3.83	A
Aroclor 1248	ND		ug/kg	31.3	3.51	A
Aroclor 1254	ND		ug/kg	31.3	2.55	A
Aroclor 1260	ND		ug/kg	31.3	3.27	A
Aroclor 1262	ND		ug/kg	31.3	2.57	A
Aroclor 1268	ND		ug/kg	31.3	2.22	A
PCBs, Total	ND		ug/kg	31.3	2.22	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 03/05/18 14:32
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 03/05/18 00:08
Cleanup Method: EPA 3665A
Cleanup Date: 03/05/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/05/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 15 Batch: WG1094395-1						
Aroclor 1016	ND		ug/kg	32.2	3.65	A
Aroclor 1221	ND		ug/kg	32.2	4.89	A
Aroclor 1232	ND		ug/kg	32.2	3.16	A
Aroclor 1242	ND		ug/kg	32.2	3.94	A
Aroclor 1248	ND		ug/kg	32.2	3.61	A
Aroclor 1254	ND		ug/kg	32.2	2.62	A
Aroclor 1260	ND		ug/kg	32.2	3.36	A
Aroclor 1262	ND		ug/kg	32.2	2.64	A
Aroclor 1268	ND		ug/kg	32.2	2.28	A
PCBs, Total	ND		ug/kg	32.2	2.28	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	72		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03,05,08 Batch: WG1093078-2 WG1093078-3									
Aroclor 1016	88		85		40-140	3		50	A
Aroclor 1260	80		79		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		77		30-150	A
Decachlorobiphenyl	85		88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		83		30-150	B
Decachlorobiphenyl	89		86		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 06-07,09-14,16-18 Batch: WG1093080-2 WG1093080-3									
Aroclor 1016	58		68		40-140	16		50	A
Aroclor 1260	50		59		40-140	17		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		86		30-150	A
Decachlorobiphenyl	63		73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		84		30-150	B
Decachlorobiphenyl	63		75		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 15 Batch: WG1094395-2 WG1094395-3									
Aroclor 1016	94		98		40-140	4		50	A
Aroclor 1260	76		80		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		95		30-150	A
Decachlorobiphenyl	64		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		101		30-150	B
Decachlorobiphenyl	72		73		30-150	B

PESTICIDES

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
Client ID: TW-1
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:

Date Collected: 02/26/18 10:09
Date Received: 02/27/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 03/01/18 13:30
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 02/28/18 11:52

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

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
 Client ID: TW-1
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 10:09
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab							
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Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
 Client ID: TW-4
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:00
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 03/01/18 13:43
 Analyst: SL

Extraction Method: EPA 3510C
 Extraction Date: 02/28/18 11:52

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

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
 Client ID: TW-4
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 13:00
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab							
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Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	234	Q	30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-03
 Client ID: TW-6
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 15:45
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 03/01/18 13:56
 Analyst: SL

Extraction Method: EPA 3510C
 Extraction Date: 02/28/18 11:52

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	B
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

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-03

Date Collected: 02/26/18 15:45

Client ID: TW-6

Date Received: 02/27/18

Sample Location: 180 E. 132ND STREET, BRONX, NY

Field Prep: Field Filtered (Dissolved Metals)

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-05
 Client ID: FIELD BLANK-TW
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 18:05
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 03/01/18 14:21
 Analyst: SL

Extraction Method: EPA 3510C
 Extraction Date: 02/28/18 11:52

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

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18**SAMPLE RESULTS**

Lab ID: L1806702-05
 Client ID: FIELD BLANK-TW
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 18:05
 Date Received: 02/27/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab							
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Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-06
 Client ID: SB-6 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/02/18 02:09
 Analyst: SL
 Percent Solids: 89%

Date Collected: 02/26/18 14:24
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	33.3		ug/kg	1.74	0.403	1	B
4,4'-DDD	18.5		ug/kg	1.74	0.621	1	B
4,4'-DDT	38.7		ug/kg	3.26	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	1.37	J	ug/kg	1.74	0.582	1	B
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	3.34		ug/kg	2.18	0.606	1	A
trans-Chlordane	4.36	PI	ug/kg	2.18	0.574	1	A
Chlordane	61.4		ug/kg	14.1	5.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	106		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	98		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-07
Client ID: SB-6 (9.5-10)
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 03/02/18 01:57
Analyst: SL
Percent Solids: 86%

Date Collected: 02/26/18 14:28
Date Received: 02/27/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 02/28/18 09:16
Cleanup Method: EPA 3620B
Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.746	0.333	1	A
Alpha-BHC	ND		ug/kg	0.746	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.895	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.746	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.783	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	ND		ug/kg	1.79	0.414	1	A
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	ND		ug/kg	3.36	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	ND		ug/kg	1.79	0.598	1	A
Endosulfan sulfate	ND		ug/kg	0.746	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.40	1	A
cis-Chlordane	ND		ug/kg	2.24	0.623	1	A
trans-Chlordane	ND		ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.5	5.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	78		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-08
 Client ID: FIELD BLANK-SOIL
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 03/01/18 14:09
 Analyst: SL

Date Collected: 02/26/18 17:45
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3510C
 Extraction Date: 02/28/18 11:52

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	89		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09
 Client ID: SB-1 (0-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/02/18 13:58
 Analyst: SL
 Percent Solids: 92%

Date Collected: 02/26/18 09:45
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.716	0.320	1	A
Alpha-BHC	ND		ug/kg	0.716	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.651	1	A
Heptachlor	ND		ug/kg	0.859	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.605	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.966	1	A
Endrin	ND		ug/kg	0.716	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.752	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.537	1	A
4,4'-DDE	ND		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.613	1	A
4,4'-DDT	ND		ug/kg	3.22	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.574	1	A
Endosulfan sulfate	ND		ug/kg	0.716	0.341	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.02	1	A
cis-Chlordane	ND		ug/kg	2.15	0.598	1	A
trans-Chlordane	ND		ug/kg	2.15	0.567	1	A
Chlordane	ND		ug/kg	14.0	5.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	67		30-150	B
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	76		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-10
 Client ID: SB-1 (12-12.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/02/18 14:10
 Analyst: SL
 Percent Solids: 91%

Date Collected: 02/26/18 09:55
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.702	0.314	1	A
Alpha-BHC	ND		ug/kg	0.702	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.639	1	A
Heptachlor	ND		ug/kg	0.842	0.378	1	A
Aldrin	ND		ug/kg	1.68	0.593	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.948	1	A
Endrin	ND		ug/kg	0.702	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.737	1	A
Endrin ketone	ND		ug/kg	1.68	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.390	1	A
4,4'-DDD	ND		ug/kg	1.68	0.601	1	A
4,4'-DDT	ND		ug/kg	3.16	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.563	1	A
Endosulfan sulfate	ND		ug/kg	0.702	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.983	1	A
Toxaphene	ND		ug/kg	31.6	8.84	1	A
cis-Chlordane	ND		ug/kg	2.10	0.587	1	A
trans-Chlordane	ND		ug/kg	2.10	0.556	1	A
Chlordane	ND		ug/kg	13.7	5.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	66		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-11
 Client ID: SB-2 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/02/18 14:23
 Analyst: SL
 Percent Solids: 88%

Date Collected: 02/26/18 11:37
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.340	1	A
Lindane	ND		ug/kg	0.723	0.323	1	A
Alpha-BHC	ND		ug/kg	0.723	0.205	1	A
Beta-BHC	ND		ug/kg	1.73	0.658	1	A
Heptachlor	ND		ug/kg	0.867	0.389	1	A
Aldrin	ND		ug/kg	1.73	0.611	1	A
Heptachlor epoxide	ND		ug/kg	3.25	0.976	1	A
Endrin	ND		ug/kg	0.723	0.296	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.759	1	A
Endrin ketone	ND		ug/kg	1.73	0.447	1	A
Dieldrin	ND		ug/kg	1.08	0.542	1	A
4,4'-DDE	ND		ug/kg	1.73	0.401	1	A
4,4'-DDD	ND		ug/kg	1.73	0.619	1	A
4,4'-DDT	ND		ug/kg	3.25	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.410	1	A
Endosulfan II	ND		ug/kg	1.73	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.723	0.344	1	A
Methoxychlor	ND		ug/kg	3.25	1.01	1	A
Toxaphene	ND		ug/kg	32.5	9.11	1	A
cis-Chlordane	ND		ug/kg	2.17	0.604	1	A
trans-Chlordane	ND		ug/kg	2.17	0.572	1	A
Chlordane	ND		ug/kg	14.1	5.74	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	68		30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	71		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-12
 Client ID: SB-2 (10.5-11)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 03:50
 Analyst: JW
 Percent Solids: 96%

Date Collected: 02/26/18 11:45
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.313	1	A
Lindane	ND		ug/kg	0.667	0.298	1	A
Alpha-BHC	ND		ug/kg	0.667	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.607	1	A
Heptachlor	ND		ug/kg	0.800	0.359	1	A
Aldrin	ND		ug/kg	1.60	0.564	1	A
Heptachlor epoxide	ND		ug/kg	3.00	0.900	1	A
Endrin	ND		ug/kg	0.667	0.273	1	A
Endrin aldehyde	ND		ug/kg	2.00	0.700	1	A
Endrin ketone	ND		ug/kg	1.60	0.412	1	A
Dieldrin	ND		ug/kg	1.00	0.500	1	A
4,4'-DDE	ND		ug/kg	1.60	0.370	1	A
4,4'-DDD	ND		ug/kg	1.60	0.571	1	A
4,4'-DDT	ND		ug/kg	3.00	1.29	1	A
Endosulfan I	ND		ug/kg	1.60	0.378	1	A
Endosulfan II	ND		ug/kg	1.60	0.535	1	A
Endosulfan sulfate	ND		ug/kg	0.667	0.317	1	A
Methoxychlor	ND		ug/kg	3.00	0.934	1	A
Toxaphene	ND		ug/kg	30.0	8.40	1	A
cis-Chlordane	ND		ug/kg	2.00	0.558	1	A
trans-Chlordane	ND		ug/kg	2.00	0.528	1	A
Chlordane	ND		ug/kg	13.0	5.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	62		30-150	B
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	49		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-13
 Client ID: SB-3 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/02/18 14:48
 Analyst: SL
 Percent Solids: 90%

Date Collected: 02/26/18 12:15
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.330	1	A
Lindane	ND		ug/kg	0.702	0.314	1	A
Alpha-BHC	ND		ug/kg	0.702	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.639	1	A
Heptachlor	ND		ug/kg	0.843	0.378	1	A
Aldrin	ND		ug/kg	1.69	0.594	1	A
Heptachlor epoxide	ND		ug/kg	3.16	0.948	1	A
Endrin	ND		ug/kg	0.702	0.288	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.738	1	A
Endrin ketone	ND		ug/kg	1.69	0.434	1	A
Dieldrin	ND		ug/kg	1.05	0.527	1	A
4,4'-DDE	7.39		ug/kg	1.69	0.390	1	B
4,4'-DDD	0.967	J	ug/kg	1.69	0.601	1	B
4,4'-DDT	35.9		ug/kg	3.16	1.36	1	A
Endosulfan I	ND		ug/kg	1.69	0.398	1	A
Endosulfan II	0.984	J	ug/kg	1.69	0.563	1	B
Endosulfan sulfate	ND		ug/kg	0.702	0.334	1	A
Methoxychlor	ND		ug/kg	3.16	0.984	1	A
Toxaphene	ND		ug/kg	31.6	8.85	1	A
cis-Chlordane	ND		ug/kg	2.11	0.587	1	A
trans-Chlordane	ND		ug/kg	2.11	0.556	1	A
Chlordane	ND		ug/kg	13.7	5.58	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	71		30-150	B
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	87		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-14
 Client ID: SB-3 (7-7.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/02/18 15:01
 Analyst: SL
 Percent Solids: 98%

Date Collected: 02/26/18 12:24
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.61	0.316	1	A
Lindane	ND		ug/kg	0.673	0.301	1	A
Alpha-BHC	ND		ug/kg	0.673	0.191	1	A
Beta-BHC	ND		ug/kg	1.61	0.612	1	A
Heptachlor	ND		ug/kg	0.807	0.362	1	A
Aldrin	ND		ug/kg	1.61	0.568	1	A
Heptachlor epoxide	ND		ug/kg	3.03	0.908	1	A
Endrin	ND		ug/kg	0.673	0.276	1	A
Endrin aldehyde	ND		ug/kg	2.02	0.706	1	A
Endrin ketone	ND		ug/kg	1.61	0.416	1	A
Dieldrin	ND		ug/kg	1.01	0.504	1	A
4,4'-DDE	ND		ug/kg	1.61	0.373	1	A
4,4'-DDD	ND		ug/kg	1.61	0.576	1	A
4,4'-DDT	ND		ug/kg	3.03	1.30	1	A
Endosulfan I	ND		ug/kg	1.61	0.381	1	A
Endosulfan II	ND		ug/kg	1.61	0.539	1	A
Endosulfan sulfate	ND		ug/kg	0.673	0.320	1	A
Methoxychlor	ND		ug/kg	3.03	0.942	1	A
Toxaphene	ND		ug/kg	30.3	8.48	1	A
cis-Chlordane	ND		ug/kg	2.02	0.562	1	A
trans-Chlordane	ND		ug/kg	2.02	0.533	1	A
Chlordane	ND		ug/kg	13.1	5.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	86		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-15
 Client ID: SB-4 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/02/18 15:13
 Analyst: SL
 Percent Solids: 88%

Date Collected: 02/26/18 13:06
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.79	0.350	1	A
Lindane	ND		ug/kg	0.746	0.333	1	A
Alpha-BHC	ND		ug/kg	0.746	0.212	1	A
Beta-BHC	ND		ug/kg	1.79	0.679	1	A
Heptachlor	ND		ug/kg	0.895	0.401	1	A
Aldrin	ND		ug/kg	1.79	0.630	1	A
Heptachlor epoxide	ND		ug/kg	3.36	1.01	1	A
Endrin	ND		ug/kg	0.746	0.306	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.783	1	A
Endrin ketone	ND		ug/kg	1.79	0.461	1	A
Dieldrin	ND		ug/kg	1.12	0.559	1	A
4,4'-DDE	4.42	P	ug/kg	1.79	0.414	1	B
4,4'-DDD	ND		ug/kg	1.79	0.638	1	A
4,4'-DDT	27.6		ug/kg	3.36	1.44	1	A
Endosulfan I	ND		ug/kg	1.79	0.423	1	A
Endosulfan II	1.01	J	ug/kg	1.79	0.598	1	B
Endosulfan sulfate	ND		ug/kg	0.746	0.355	1	A
Methoxychlor	ND		ug/kg	3.36	1.04	1	A
Toxaphene	ND		ug/kg	33.6	9.40	1	A
cis-Chlordane	ND		ug/kg	2.24	0.624	1	A
trans-Chlordane	ND		ug/kg	2.24	0.591	1	A
Chlordane	ND		ug/kg	14.5	5.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	78		30-150	B
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	80		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-16
 Client ID: SB-4 (13-13.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/02/18 15:26
 Analyst: SL
 Percent Solids: 78%

Date Collected: 02/26/18 13:12
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	2.00	0.391	1	A
Lindane	ND		ug/kg	0.831	0.372	1	A
Alpha-BHC	ND		ug/kg	0.831	0.236	1	A
Beta-BHC	ND		ug/kg	2.00	0.757	1	A
Heptachlor	ND		ug/kg	0.998	0.447	1	A
Aldrin	ND		ug/kg	2.00	0.703	1	A
Heptachlor epoxide	ND		ug/kg	3.74	1.12	1	A
Endrin	ND		ug/kg	0.831	0.341	1	A
Endrin aldehyde	ND		ug/kg	2.49	0.873	1	A
Endrin ketone	ND		ug/kg	2.00	0.514	1	A
Dieldrin	ND		ug/kg	1.25	0.624	1	A
4,4'-DDE	ND		ug/kg	2.00	0.461	1	A
4,4'-DDD	ND		ug/kg	2.00	0.712	1	A
4,4'-DDT	ND		ug/kg	3.74	1.60	1	A
Endosulfan I	ND		ug/kg	2.00	0.471	1	A
Endosulfan II	ND		ug/kg	2.00	0.667	1	A
Endosulfan sulfate	ND		ug/kg	0.831	0.396	1	A
Methoxychlor	ND		ug/kg	3.74	1.16	1	A
Toxaphene	ND		ug/kg	37.4	10.5	1	A
cis-Chlordane	ND		ug/kg	2.49	0.695	1	A
trans-Chlordane	ND		ug/kg	2.49	0.658	1	A
Chlordane	ND		ug/kg	16.2	6.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	85		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-17
 Client ID: SB-5 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 03:38
 Analyst: JW
 Percent Solids: 88%

Date Collected: 02/26/18 13:50
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.348	1	A
Lindane	ND		ug/kg	0.740	0.331	1	A
Alpha-BHC	ND		ug/kg	0.740	0.210	1	A
Beta-BHC	ND		ug/kg	1.78	0.674	1	A
Heptachlor	ND		ug/kg	0.889	0.398	1	A
Aldrin	ND		ug/kg	1.78	0.626	1	A
Heptachlor epoxide	ND		ug/kg	3.33	1.00	1	A
Endrin	ND		ug/kg	0.740	0.304	1	A
Endrin aldehyde	ND		ug/kg	2.22	0.778	1	A
Endrin ketone	ND		ug/kg	1.78	0.458	1	A
Dieldrin	ND		ug/kg	1.11	0.555	1	A
4,4'-DDE	14.9		ug/kg	1.78	0.411	1	A
4,4'-DDD	51.7		ug/kg	1.78	0.634	1	B
4,4'-DDT	11.7		ug/kg	3.33	1.43	1	B
Endosulfan I	ND		ug/kg	1.78	0.420	1	A
Endosulfan II	ND		ug/kg	1.78	0.594	1	A
Endosulfan sulfate	ND		ug/kg	0.740	0.352	1	A
Methoxychlor	ND		ug/kg	3.33	1.04	1	A
Toxaphene	ND		ug/kg	33.3	9.33	1	A
cis-Chlordane	20.8		ug/kg	2.22	0.619	1	A
trans-Chlordane	14.2	PI	ug/kg	2.22	0.586	1	A
Chlordane	ND		ug/kg	14.4	5.89	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	118		30-150	B
2,4,5,6-Tetrachloro-m-xylene	100		30-150	A
Decachlorobiphenyl	62		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-18
 Client ID: SB-5 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/02/18 15:51
 Analyst: SL
 Percent Solids: 89%

Date Collected: 02/26/18 13:56
 Date Received: 02/27/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 02/28/18 09:16
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/01/18

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	0.729	0.326	1	A
Alpha-BHC	ND		ug/kg	0.729	0.207	1	A
Beta-BHC	ND		ug/kg	1.75	0.664	1	A
Heptachlor	ND		ug/kg	0.875	0.392	1	A
Aldrin	ND		ug/kg	1.75	0.616	1	A
Heptachlor epoxide	ND		ug/kg	3.28	0.985	1	A
Endrin	ND		ug/kg	0.729	0.299	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.766	1	A
Endrin ketone	ND		ug/kg	1.75	0.451	1	A
Dieldrin	ND		ug/kg	1.09	0.547	1	A
4,4'-DDE	5.08		ug/kg	1.75	0.405	1	B
4,4'-DDD	2.89		ug/kg	1.75	0.624	1	A
4,4'-DDT	7.73	P	ug/kg	3.28	1.41	1	A
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	1.58	JPI	ug/kg	1.75	0.585	1	B
Endosulfan sulfate	ND		ug/kg	0.729	0.347	1	A
Methoxychlor	ND		ug/kg	3.28	1.02	1	A
Toxaphene	ND		ug/kg	32.8	9.19	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	5.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	50		30-150	B
2,4,5,6-Tetrachloro-m-xylene	124		30-150	A
Decachlorobiphenyl	83		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/28/18 21:49
Analyst: JW

Extraction Method: EPA 3510C
Extraction Date: 02/27/18 13:38

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03,05,08 Batch: WG1092796-1						
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 02/28/18 21:49
Analyst: JW

Extraction Method: EPA 3510C
Extraction Date: 02/27/18 13:38

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-03,05,08 Batch: WG1092796-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		30-150	A
Decachlorobiphenyl	151	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	126		30-150	B
Decachlorobiphenyl	147		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/02/18 01:20
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 02/28/18 09:16
Cleanup Method: EPA 3620B
Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07,09-18 Batch: WG1093051-1						
Delta-BHC	ND		ug/kg	1.50	0.294	A
Lindane	ND		ug/kg	0.626	0.280	A
Alpha-BHC	ND		ug/kg	0.626	0.178	A
Beta-BHC	ND		ug/kg	1.50	0.570	A
Heptachlor	ND		ug/kg	0.752	0.337	A
Aldrin	ND		ug/kg	1.50	0.529	A
Heptachlor epoxide	ND		ug/kg	2.82	0.846	A
Endrin	ND		ug/kg	0.626	0.257	A
Endrin aldehyde	ND		ug/kg	1.88	0.658	A
Endrin ketone	ND		ug/kg	1.50	0.387	A
Dieldrin	ND		ug/kg	0.940	0.470	A
4,4'-DDE	ND		ug/kg	1.50	0.348	A
4,4'-DDD	ND		ug/kg	1.50	0.536	A
4,4'-DDT	ND		ug/kg	2.82	1.21	A
Endosulfan I	ND		ug/kg	1.50	0.355	A
Endosulfan II	ND		ug/kg	1.50	0.502	A
Endosulfan sulfate	ND		ug/kg	0.626	0.298	A
Methoxychlor	ND		ug/kg	2.82	0.877	A
Toxaphene	ND		ug/kg	28.2	7.89	A
cis-Chlordane	ND		ug/kg	1.88	0.524	A
trans-Chlordane	ND		ug/kg	1.88	0.496	A
Chlordane	ND		ug/kg	12.2	4.98	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/02/18 01:20
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 02/28/18 09:16
Cleanup Method: EPA 3620B
Cleanup Date: 03/01/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 06-07,09-18 Batch: WG1093051-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	70		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03,05,08 Batch: WG1092796-2 WG1092796-3									
Delta-BHC	111		116		30-150	4		20	A
Lindane	104		113		30-150	8		20	A
Alpha-BHC	108		117		30-150	8		20	A
Beta-BHC	91		99		30-150	9		20	A
Heptachlor	101		110		30-150	9		20	A
Aldrin	105		115		30-150	9		20	A
Heptachlor epoxide	106		115		30-150	8		20	A
Endrin	106		114		30-150	7		20	A
Endrin aldehyde	85		93		30-150	9		20	A
Endrin ketone	110		116		30-150	5		20	A
Dieldrin	113		122		30-150	8		20	A
4,4'-DDE	105		114		30-150	8		20	A
4,4'-DDD	108		116		30-150	7		20	A
4,4'-DDT	112		120		30-150	7		20	A
Endosulfan I	103		113		30-150	9		20	A
Endosulfan II	102		105		30-150	3		20	A
Endosulfan sulfate	110		113		30-150	3		20	A
Methoxychlor	99		107		30-150	8		20	A
cis-Chlordane	94		103		30-150	10		20	A
trans-Chlordane	101		110		30-150	9		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-03,05,08 Batch: WG1092796-2 WG1092796-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		110		30-150	A
Decachlorobiphenyl	134		146		30-150	A
2,4,5,6-Tetrachloro-m-xylene	112		117		30-150	B
Decachlorobiphenyl	127		137		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07,09-18 Batch: WG1093051-2 WG1093051-3									
Delta-BHC	91		98		30-150	7		30	A
Lindane	91		93		30-150	2		30	A
Alpha-BHC	95		99		30-150	4		30	A
Beta-BHC	79		81		30-150	3		30	A
Heptachlor	64		65		30-150	2		30	A
Aldrin	84		89		30-150	6		30	A
Heptachlor epoxide	80		84		30-150	5		30	A
Endrin	83		88		30-150	6		30	A
Endrin aldehyde	59		62		30-150	5		30	A
Endrin ketone	72		78		30-150	8		30	A
Dieldrin	87		92		30-150	6		30	A
4,4'-DDE	80		86		30-150	7		30	A
4,4'-DDD	83		89		30-150	7		30	A
4,4'-DDT	85		91		30-150	7		30	A
Endosulfan I	79		86		30-150	8		30	A
Endosulfan II	79		82		30-150	4		30	A
Endosulfan sulfate	70		76		30-150	8		30	A
Methoxychlor	71		75		30-150	5		30	A
cis-Chlordane	66		72		30-150	9		30	A
trans-Chlordane	82		87		30-150	6		30	A

Lab Control Sample Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 06-07,09-18 Batch: WG1093051-2 WG1093051-3								

<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	86		91		30-150	B
Decachlorobiphenyl	87		93		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		80		30-150	A
Decachlorobiphenyl	74		80		30-150	A

METALS

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
 Client ID: TW-1
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/26/18 10:09
 Date Received: 02/27/18
 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	7.39		mg/l	0.0100	0.00327	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Antimony, Total	0.00124	J	mg/l	0.00400	0.00042	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00398		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Barium, Total	0.2188		mg/l	0.00050	0.00017	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00048	J	mg/l	0.00050	0.00010	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00032		mg/l	0.00020	0.00005	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Calcium, Total	58.3		mg/l	0.100	0.0394	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Chromium, Total	0.02760		mg/l	0.00100	0.00017	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Cobalt, Total	0.01478		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Copper, Total	0.06735		mg/l	0.00100	0.00038	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Iron, Total	14.3		mg/l	0.0500	0.0191	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Lead, Total	0.03422		mg/l	0.00100	0.00034	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Magnesium, Total	16.7		mg/l	0.0700	0.0242	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Manganese, Total	0.3956		mg/l	0.00100	0.00044	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Mercury, Total	0.00008	J	mg/l	0.00020	0.00006	1	02/28/18 11:08	02/28/18 22:41	EPA 7470A	1,7470A	EA
Nickel, Total	0.03292		mg/l	0.00200	0.00055	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Potassium, Total	10.3		mg/l	0.100	0.0309	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Selenium, Total	0.0121		mg/l	0.00500	0.00173	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Sodium, Total	80.7		mg/l	0.100	0.0293	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Thallium, Total	0.00018	J	mg/l	0.00050	0.00014	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Vanadium, Total	0.03743		mg/l	0.00500	0.00157	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM
Zinc, Total	0.1222		mg/l	0.01000	0.00341	1	03/01/18 10:50	03/02/18 11:27	EPA 3005A	1,6020A	AM

Dissolved Metals - Mansfield Lab

Aluminum, Dissolved	0.00872	J	mg/l	0.0100	0.00327	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00118	J	mg/l	0.00400	0.00042	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00021	J	mg/l	0.00050	0.00016	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.09267		mg/l	0.00050	0.00017	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-01
 Client ID: TW-1
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/26/18 10:09
 Date Received: 02/27/18
 Field Prep: Field Filtered
 (Dissolved
 Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00011	J	mg/l	0.00020	0.00005	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Calcium, Dissolved	55.2		mg/l	0.100	0.0394	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00084	J	mg/l	0.00100	0.00017	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00068		mg/l	0.00050	0.00016	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00245		mg/l	0.00100	0.00038	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.0201	J	mg/l	0.0500	0.0191	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	12.5		mg/l	0.0700	0.0242	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.02304		mg/l	0.00100	0.00044	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	02/28/18 11:08	02/28/18 22:23	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00255		mg/l	0.00200	0.00055	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Potassium, Dissolved	8.13		mg/l	0.100	0.0309	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Selenium, Dissolved	0.00446	J	mg/l	0.00500	0.00173	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Sodium, Dissolved	85.6		mg/l	0.100	0.0293	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	0.00159	J	mg/l	0.00500	0.00157	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00865	J	mg/l	0.01000	0.00341	1	02/28/18 11:25	03/02/18 10:33	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
 Client ID: TW-4
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/26/18 13:00
 Date Received: 02/27/18
 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	43.0		mg/l	0.0100	0.00327	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Antimony, Total	0.00098	J	mg/l	0.00400	0.00042	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00497		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Barium, Total	0.7096		mg/l	0.00050	0.00017	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00057		mg/l	0.00050	0.00010	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00036		mg/l	0.00020	0.00005	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Calcium, Total	158.		mg/l	0.100	0.0394	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Chromium, Total	0.3022		mg/l	0.00100	0.00017	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Cobalt, Total	0.05348		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Copper, Total	0.07502		mg/l	0.00100	0.00038	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Iron, Total	68.3		mg/l	0.0500	0.0191	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Lead, Total	0.04197		mg/l	0.00100	0.00034	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Magnesium, Total	69.0		mg/l	0.0700	0.0242	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Manganese, Total	1.017		mg/l	0.00100	0.00044	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Mercury, Total	0.00007	J	mg/l	0.00020	0.00006	1	02/28/18 11:08	02/28/18 22:47	EPA 7470A	1,7470A	EA
Nickel, Total	0.1712		mg/l	0.00200	0.00055	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Potassium, Total	14.6		mg/l	0.100	0.0309	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Selenium, Total	0.0141		mg/l	0.00500	0.00173	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Sodium, Total	113.		mg/l	0.100	0.0293	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Thallium, Total	0.00052		mg/l	0.00050	0.00014	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Vanadium, Total	0.2203		mg/l	0.00500	0.00157	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Zinc, Total	0.2314		mg/l	0.01000	0.00341	1	03/01/18 10:50	03/02/18 10:41	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00668	J	mg/l	0.0100	0.00327	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00091	J	mg/l	0.00400	0.00042	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00020	J	mg/l	0.00050	0.00016	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1367		mg/l	0.00050	0.00017	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-02
 Client ID: TW-4
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/26/18 13:00
 Date Received: 02/27/18
 Field Prep: Field Filtered
 (Dissolved
 Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Calcium, Dissolved	107.		mg/l	0.100	0.0394	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00058	J	mg/l	0.00100	0.00017	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00234		mg/l	0.00050	0.00016	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00110		mg/l	0.00100	0.00038	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.114		mg/l	0.0500	0.0191	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	37.2		mg/l	0.0700	0.0242	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.1785		mg/l	0.00100	0.00044	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	02/28/18 11:08	02/28/18 22:28	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00479		mg/l	0.00200	0.00055	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Potassium, Dissolved	8.01		mg/l	0.100	0.0309	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Selenium, Dissolved	0.00337	J	mg/l	0.00500	0.00173	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Sodium, Dissolved	124.		mg/l	0.100	0.0293	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/28/18 11:25	03/02/18 09:38	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-03
 Client ID: TW-6
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/26/18 15:45
 Date Received: 02/27/18
 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	3.01		mg/l	0.0100	0.00327	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Antimony, Total	0.00968		mg/l	0.00400	0.00042	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00241		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Barium, Total	0.2100		mg/l	0.00050	0.00017	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00022	J	mg/l	0.00050	0.00010	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00034		mg/l	0.00020	0.00005	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Calcium, Total	89.5		mg/l	0.100	0.0394	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Chromium, Total	0.00654		mg/l	0.00100	0.00017	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00313		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Copper, Total	0.04438		mg/l	0.00100	0.00038	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Iron, Total	4.84		mg/l	0.0500	0.0191	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Lead, Total	0.1508		mg/l	0.00100	0.00034	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Magnesium, Total	33.8		mg/l	0.0700	0.0242	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Manganese, Total	1.109		mg/l	0.00100	0.00044	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Mercury, Total	0.00078		mg/l	0.00020	0.00006	1	02/28/18 11:08	02/28/18 22:48	EPA 7470A	1,7470A	EA
Nickel, Total	0.00617		mg/l	0.00200	0.00055	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Potassium, Total	19.7		mg/l	0.100	0.0309	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Sodium, Total	229.		mg/l	0.100	0.0293	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Vanadium, Total	0.01253		mg/l	0.00500	0.00157	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Zinc, Total	0.06002		mg/l	0.01000	0.00341	1	03/01/18 10:50	03/02/18 11:52	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00918	J	mg/l	0.0100	0.00327	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.01125		mg/l	0.00400	0.00042	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00167		mg/l	0.00050	0.00016	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1680		mg/l	0.00050	0.00017	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-03
Client ID: TW-6
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 02/26/18 15:45
Date Received: 02/27/18
Field Prep: Field Filtered
(Dissolved
Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Calcium, Dissolved	86.8		mg/l	0.100	0.0394	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00032	J	mg/l	0.00100	0.00017	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00041	J	mg/l	0.00050	0.00016	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00168		mg/l	0.00100	0.00038	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.273		mg/l	0.0500	0.0191	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Lead, Dissolved	0.00140		mg/l	0.00100	0.00034	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	32.8		mg/l	0.0700	0.0242	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Manganese, Dissolved	1.031		mg/l	0.00100	0.00044	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	02/28/18 11:08	02/28/18 22:30	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00124	J	mg/l	0.00200	0.00055	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Potassium, Dissolved	20.0		mg/l	0.100	0.0309	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Sodium, Dissolved	233.		mg/l	0.100	0.0293	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	0.00327	J	mg/l	0.00500	0.00157	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/28/18 11:25	03/02/18 10:37	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-05
 Client ID: FIELD BLANK-TW
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/26/18 18:05
 Date Received: 02/27/18
 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	ND		mg/l	0.0100	0.00327	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Antimony, Total	0.00096	J	mg/l	0.00400	0.00042	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Barium, Total	0.00138		mg/l	0.00050	0.00017	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Calcium, Total	0.0432	J	mg/l	0.100	0.0394	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Chromium, Total	0.00038	J	mg/l	0.00100	0.00017	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	02/28/18 11:08	02/28/18 22:50	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Sodium, Total	0.126		mg/l	0.100	0.0293	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/01/18 10:50	03/02/18 11:44	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00077	J	mg/l	0.00400	0.00042	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.00130		mg/l	0.00050	0.00017	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-05
Client ID: FIELD BLANK-TW
Sample Location: 180 E. 132ND STREET, BRONX, NY
Sample Depth:
Matrix: Water

Date Collected: 02/26/18 18:05
Date Received: 02/27/18
Field Prep: Field Filtered
(Dissolved
Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00022	J	mg/l	0.00100	0.00017	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	02/28/18 11:08	02/28/18 22:32	EPA 7470A	1,7470A	EA
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/28/18 11:25	03/02/18 10:14	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-06
 Client ID: SB-6 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 02/26/18 14:24
 Date Received: 02/27/18
 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	8620		mg/kg	8.88	2.40	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Antimony, Total	1.90	J	mg/kg	4.44	0.338	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Arsenic, Total	5.92		mg/kg	0.888	0.185	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Barium, Total	93.5		mg/kg	0.888	0.154	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Beryllium, Total	0.311	J	mg/kg	0.444	0.029	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Cadmium, Total	0.666	J	mg/kg	0.888	0.087	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Calcium, Total	20800		mg/kg	8.88	3.11	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Chromium, Total	23.4		mg/kg	0.888	0.085	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Cobalt, Total	8.16		mg/kg	1.78	0.147	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Copper, Total	72.0		mg/kg	0.888	0.229	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Iron, Total	18100		mg/kg	4.44	0.802	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Lead, Total	315		mg/kg	4.44	0.238	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Magnesium, Total	5850		mg/kg	8.88	1.37	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Manganese, Total	263		mg/kg	0.888	0.141	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Mercury, Total	0.94		mg/kg	0.07	0.02	1	02/28/18 08:00	02/28/18 19:11	EPA 7471B	1,7471B	EA
Nickel, Total	17.3		mg/kg	2.22	0.215	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Potassium, Total	1790		mg/kg	222	12.8	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.78	0.229	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.888	0.251	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Sodium, Total	247		mg/kg	178	2.80	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.78	0.280	2	02/28/18 19:07	03/03/18 09:19	EPA 3050B	1,6010C	AB
Vanadium, Total	38.0		mg/kg	0.888	0.180	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB
Zinc, Total	226		mg/kg	4.44	0.260	2	02/28/18 19:07	03/01/18 18:22	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-07
 Client ID: SB-6 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 86%

Date Collected: 02/26/18 14:28
 Date Received: 02/27/18
 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	7480		mg/kg	8.96	2.42	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Antimony, Total	0.340	J	mg/kg	4.48	0.340	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Arsenic, Total	0.833	J	mg/kg	0.896	0.186	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Barium, Total	43.4		mg/kg	0.896	0.156	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Beryllium, Total	0.475		mg/kg	0.448	0.030	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.896	0.088	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Calcium, Total	30000		mg/kg	8.96	3.14	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Chromium, Total	15.0		mg/kg	0.896	0.086	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Cobalt, Total	8.40		mg/kg	1.79	0.149	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Copper, Total	17.9		mg/kg	0.896	0.231	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Iron, Total	14100		mg/kg	4.48	0.809	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Lead, Total	4.78		mg/kg	4.48	0.240	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Magnesium, Total	18200		mg/kg	8.96	1.38	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Manganese, Total	772		mg/kg	0.896	0.142	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.02	1	02/28/18 08:00	02/28/18 19:16	EPA 7471B	1,7471B	EA
Nickel, Total	13.0		mg/kg	2.24	0.217	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Potassium, Total	2140		mg/kg	224	12.9	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.79	0.231	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.896	0.254	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Sodium, Total	181		mg/kg	179	2.82	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.79	0.282	2	02/28/18 19:07	03/03/18 09:23	EPA 3050B	1,6010C	AB
Vanadium, Total	22.5		mg/kg	0.896	0.182	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB
Zinc, Total	44.0		mg/kg	4.48	0.262	2	02/28/18 19:07	03/01/18 18:27	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-08
 Client ID: FIELD BLANK-SOIL
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/26/18 17:45
 Date Received: 02/27/18
 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	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Antimony, Total	0.00056	J	mg/l	0.00400	0.00042	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Barium, Total	0.00153		mg/l	0.00050	0.00017	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Chromium, Total	0.00028	J	mg/l	0.00100	0.00017	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	02/28/18 11:08	02/28/18 22:52	EPA 7470A	1,7470A	EA
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Sodium, Total	0.0299	J	mg/l	0.100	0.0293	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/01/18 10:50	03/02/18 11:48	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09
 Client ID: SB-1 (0-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 92%

Date Collected: 02/26/18 09:45
 Date Received: 02/27/18
 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	8080		mg/kg	8.45	2.28	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Antimony, Total	1.39	J	mg/kg	4.22	0.321	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Arsenic, Total	3.00		mg/kg	0.845	0.176	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Barium, Total	87.9		mg/kg	0.845	0.147	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Beryllium, Total	0.253	J	mg/kg	0.422	0.028	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Cadmium, Total	0.228	J	mg/kg	0.845	0.083	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Calcium, Total	10000		mg/kg	8.45	2.96	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Chromium, Total	17.7		mg/kg	0.845	0.081	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Cobalt, Total	10.0		mg/kg	1.69	0.140	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Copper, Total	60.1		mg/kg	0.845	0.218	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Iron, Total	19400		mg/kg	4.22	0.763	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Lead, Total	139		mg/kg	4.22	0.226	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Magnesium, Total	6690		mg/kg	8.45	1.30	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Manganese, Total	304		mg/kg	0.845	0.134	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Mercury, Total	0.83		mg/kg	0.07	0.01	1	02/28/18 08:00	02/28/18 19:18	EPA 7471B	1,7471B	EA
Nickel, Total	15.4		mg/kg	2.11	0.204	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Potassium, Total	2700		mg/kg	211	12.2	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.69	0.218	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.845	0.239	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Sodium, Total	160	J	mg/kg	169	2.66	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.69	0.266	2	02/28/18 19:07	03/03/18 09:27	EPA 3050B	1,6010C	AB
Vanadium, Total	35.9		mg/kg	0.845	0.172	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB
Zinc, Total	201		mg/kg	4.22	0.248	2	02/28/18 19:07	03/01/18 18:31	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-10
 Client ID: SB-1 (12-12.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 91%

Date Collected: 02/26/18 09:55
 Date Received: 02/27/18
 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	15000		mg/kg	8.59	2.32	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.29	0.326	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Arsenic, Total	0.893		mg/kg	0.859	0.178	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Barium, Total	302		mg/kg	0.859	0.149	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Beryllium, Total	0.034	J	mg/kg	0.429	0.028	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.859	0.084	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Calcium, Total	982		mg/kg	8.59	3.00	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Chromium, Total	20.1		mg/kg	0.859	0.082	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Cobalt, Total	17.1		mg/kg	1.72	0.142	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Copper, Total	30.6		mg/kg	0.859	0.222	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Iron, Total	25000		mg/kg	4.29	0.775	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Lead, Total	4.41		mg/kg	4.29	0.230	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Magnesium, Total	8940		mg/kg	8.59	1.32	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Manganese, Total	302		mg/kg	0.859	0.136	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.01	1	02/28/18 08:00	02/28/18 19:20	EPA 7471B	1,7471B	EA
Nickel, Total	19.8		mg/kg	2.15	0.208	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Potassium, Total	12100		mg/kg	215	12.4	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.72	0.222	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.859	0.243	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Sodium, Total	136	J	mg/kg	172	2.70	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.72	0.270	2	02/28/18 19:07	03/03/18 09:31	EPA 3050B	1,6010C	AB
Vanadium, Total	94.1		mg/kg	0.859	0.174	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB
Zinc, Total	54.9		mg/kg	4.29	0.252	2	02/28/18 19:07	03/01/18 18:36	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-11
 Client ID: SB-2 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 02/26/18 11:37
 Date Received: 02/27/18
 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	9560		mg/kg	8.90	2.40	2	02/28/18 19:07	03/05/18 14:54	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.45	0.338	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Arsenic, Total	2.34		mg/kg	0.890	0.185	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Barium, Total	53.9		mg/kg	0.890	0.155	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Beryllium, Total	0.133	J	mg/kg	0.445	0.029	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.890	0.087	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Calcium, Total	21000		mg/kg	8.90	3.11	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Chromium, Total	17.9		mg/kg	0.890	0.085	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Cobalt, Total	7.34		mg/kg	1.78	0.148	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Copper, Total	25.2		mg/kg	0.890	0.230	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Iron, Total	15800		mg/kg	4.45	0.803	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Lead, Total	27.1		mg/kg	4.45	0.238	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Magnesium, Total	15300		mg/kg	8.90	1.37	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Manganese, Total	296		mg/kg	0.890	0.141	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Mercury, Total	0.11		mg/kg	0.07	0.02	1	02/28/18 08:00	02/28/18 19:22	EPA 7471B	1,7471B	EA
Nickel, Total	10.9		mg/kg	2.22	0.215	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Potassium, Total	2170		mg/kg	222	12.8	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.78	0.230	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.890	0.252	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Sodium, Total	144	J	mg/kg	178	2.80	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.78	0.280	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Vanadium, Total	35.6		mg/kg	0.890	0.180	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB
Zinc, Total	39.7		mg/kg	4.45	0.261	2	02/28/18 19:07	03/03/18 09:36	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-12
 Client ID: SB-2 (10.5-11)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 96%

Date Collected: 02/26/18 11:45
 Date Received: 02/27/18
 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	28100		mg/kg	8.13	2.20	2	02/28/18 19:07	03/05/18 14:59	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.06	0.309	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Arsenic, Total	4.06		mg/kg	0.813	0.169	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Barium, Total	865		mg/kg	0.813	0.141	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Beryllium, Total	ND		mg/kg	0.406	0.027	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.813	0.080	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Calcium, Total	4340		mg/kg	8.13	2.85	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Chromium, Total	83.3		mg/kg	0.813	0.078	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Cobalt, Total	22.9		mg/kg	1.63	0.135	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Copper, Total	78.2		mg/kg	0.813	0.210	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Iron, Total	74300		mg/kg	40.6	7.34	20	02/28/18 19:07	03/05/18 16:48	EPA 3050B	1,6010C	AB
Lead, Total	4.70		mg/kg	4.06	0.218	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Magnesium, Total	16300		mg/kg	8.13	1.25	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Manganese, Total	344		mg/kg	0.813	0.129	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.01	1	02/28/18 08:00	02/28/18 19:24	EPA 7471B	1,7471B	EA
Nickel, Total	25.3		mg/kg	2.03	0.197	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Potassium, Total	21600		mg/kg	203	11.7	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Selenium, Total	0.870	J	mg/kg	1.63	0.210	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.813	0.230	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Sodium, Total	339		mg/kg	163	2.56	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.63	0.256	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Vanadium, Total	126		mg/kg	0.813	0.165	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB
Zinc, Total	70.2		mg/kg	4.06	0.238	2	02/28/18 19:07	03/03/18 09:40	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-13
 Client ID: SB-3 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 90%

Date Collected: 02/26/18 12:15
 Date Received: 02/27/18
 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	12400		mg/kg	8.60	2.32	2	02/28/18 19:07	03/05/18 15:04	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.30	0.327	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Arsenic, Total	4.25		mg/kg	0.860	0.179	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Barium, Total	109		mg/kg	0.860	0.150	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Beryllium, Total	0.129	J	mg/kg	0.430	0.028	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Cadmium, Total	0.112	J	mg/kg	0.860	0.084	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Calcium, Total	7280		mg/kg	8.60	3.01	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Chromium, Total	39.3		mg/kg	0.860	0.083	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Cobalt, Total	9.47		mg/kg	1.72	0.143	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Copper, Total	48.2		mg/kg	0.860	0.222	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Iron, Total	19300		mg/kg	4.30	0.776	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Lead, Total	155		mg/kg	4.30	0.230	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Magnesium, Total	8120		mg/kg	8.60	1.32	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Manganese, Total	295		mg/kg	0.860	0.137	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Mercury, Total	0.21		mg/kg	0.07	0.02	1	02/28/18 08:00	02/28/18 19:25	EPA 7471B	1,7471B	EA
Nickel, Total	17.8		mg/kg	2.15	0.208	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Potassium, Total	3180		mg/kg	215	12.4	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Selenium, Total	0.241	J	mg/kg	1.72	0.222	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.860	0.243	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Sodium, Total	150	J	mg/kg	172	2.71	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.72	0.271	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Vanadium, Total	41.2		mg/kg	0.860	0.174	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB
Zinc, Total	152		mg/kg	4.30	0.252	2	02/28/18 19:07	03/03/18 10:21	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-14
 Client ID: SB-3 (7-7.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 98%

Date Collected: 02/26/18 12:24
 Date Received: 02/27/18
 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	6330		mg/kg	7.77	2.10	2	02/28/18 19:07	03/05/18 15:09	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	3.88	0.295	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Arsenic, Total	1.74		mg/kg	0.777	0.162	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Barium, Total	71.6		mg/kg	0.777	0.135	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Beryllium, Total	0.070	J	mg/kg	0.388	0.026	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.777	0.076	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Calcium, Total	646		mg/kg	7.77	2.72	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Chromium, Total	17.8		mg/kg	0.777	0.075	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Cobalt, Total	5.18		mg/kg	1.55	0.129	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Copper, Total	103		mg/kg	0.777	0.200	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Iron, Total	13300		mg/kg	3.88	0.702	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Lead, Total	3.84	J	mg/kg	3.88	0.208	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Magnesium, Total	3220		mg/kg	7.77	1.20	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Manganese, Total	146		mg/kg	0.777	0.124	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.07	0.01	1	02/28/18 08:00	02/28/18 19:27	EPA 7471B	1,7471B	EA
Nickel, Total	4.78		mg/kg	1.94	0.188	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Potassium, Total	2820		mg/kg	194	11.2	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.55	0.200	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.777	0.220	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Sodium, Total	183		mg/kg	155	2.45	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.55	0.245	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Vanadium, Total	10.7		mg/kg	0.777	0.158	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB
Zinc, Total	68.7		mg/kg	3.88	0.228	2	02/28/18 19:07	03/03/18 10:25	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-15
 Client ID: SB-4 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 02/26/18 13:06
 Date Received: 02/27/18
 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	14000		mg/kg	8.85	2.39	2	02/28/18 19:07	03/05/18 15:14	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	4.42	0.336	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Arsenic, Total	3.90		mg/kg	0.885	0.184	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Barium, Total	171		mg/kg	0.885	0.154	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Beryllium, Total	0.053	J	mg/kg	0.442	0.029	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.885	0.087	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Calcium, Total	6340		mg/kg	8.85	3.10	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Chromium, Total	30.8		mg/kg	0.885	0.085	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Cobalt, Total	12.5		mg/kg	1.77	0.147	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Copper, Total	36.8		mg/kg	0.885	0.228	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Iron, Total	20400		mg/kg	4.42	0.799	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Lead, Total	95.0		mg/kg	4.42	0.237	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Magnesium, Total	8280		mg/kg	8.85	1.36	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Manganese, Total	302		mg/kg	0.885	0.141	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Mercury, Total	0.25		mg/kg	0.07	0.02	1	02/28/18 08:00	02/28/18 19:29	EPA 7471B	1,7471B	EA
Nickel, Total	16.8		mg/kg	2.21	0.214	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Potassium, Total	4070		mg/kg	221	12.7	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Selenium, Total	0.531	J	mg/kg	1.77	0.228	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.885	0.250	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Sodium, Total	224		mg/kg	177	2.79	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.77	0.279	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Vanadium, Total	47.2		mg/kg	0.885	0.180	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB
Zinc, Total	140		mg/kg	4.42	0.259	2	02/28/18 19:07	03/03/18 10:29	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-16
 Client ID: SB-4 (13-13.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 78%

Date Collected: 02/26/18 13:12
 Date Received: 02/27/18
 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	37000		mg/kg	10.1	2.73	2	02/28/18 19:07	03/05/18 15:18	EPA 3050B	1,6010C	PS
Antimony, Total	ND		mg/kg	5.05	0.384	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Arsenic, Total	5.06		mg/kg	1.01	0.210	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Barium, Total	223		mg/kg	1.01	0.176	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Beryllium, Total	ND		mg/kg	0.505	0.033	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	1.01	0.099	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Calcium, Total	5310		mg/kg	10.1	3.53	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Chromium, Total	209		mg/kg	1.01	0.097	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Cobalt, Total	39.4		mg/kg	2.02	0.168	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Copper, Total	74.3		mg/kg	1.01	0.260	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Iron, Total	49600		mg/kg	5.05	0.912	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Lead, Total	5.09		mg/kg	5.05	0.271	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Magnesium, Total	23500		mg/kg	10.1	1.56	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Manganese, Total	182		mg/kg	1.01	0.160	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.08	0.02	1	02/28/18 08:00	02/28/18 19:31	EPA 7471B	1,7471B	EA
Nickel, Total	164		mg/kg	2.52	0.244	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Potassium, Total	20700		mg/kg	252	14.5	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	2.02	0.260	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	1.01	0.286	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Sodium, Total	494		mg/kg	202	3.18	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	2.02	0.318	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Vanadium, Total	184		mg/kg	1.01	0.205	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB
Zinc, Total	186		mg/kg	5.05	0.296	2	02/28/18 19:07	03/03/18 10:33	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-17
 Client ID: SB-5 (1-2)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 02/26/18 13:50
 Date Received: 02/27/18
 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	9220		mg/kg	8.59	2.32	2	02/28/18 19:07	03/05/18 16:39	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.29	0.326	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Arsenic, Total	4.15		mg/kg	0.859	0.179	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Barium, Total	127		mg/kg	0.859	0.149	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Beryllium, Total	0.095	J	mg/kg	0.429	0.028	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Cadmium, Total	0.266	J	mg/kg	0.859	0.084	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Calcium, Total	24600		mg/kg	8.59	3.01	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Chromium, Total	28.2		mg/kg	0.859	0.082	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Cobalt, Total	8.41		mg/kg	1.72	0.142	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Copper, Total	40.5		mg/kg	0.859	0.222	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Iron, Total	15400		mg/kg	4.29	0.776	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Lead, Total	281		mg/kg	4.29	0.230	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Magnesium, Total	12400		mg/kg	8.59	1.32	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Manganese, Total	457		mg/kg	0.859	0.136	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Mercury, Total	0.18		mg/kg	0.07	0.02	1	02/28/18 08:00	02/28/18 19:33	EPA 7471B	1,7471B	EA
Nickel, Total	19.7		mg/kg	2.15	0.208	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Potassium, Total	3600		mg/kg	215	12.4	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Selenium, Total	0.429	J	mg/kg	1.72	0.222	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.859	0.243	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Sodium, Total	194		mg/kg	172	2.70	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.72	0.270	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Vanadium, Total	31.7		mg/kg	0.859	0.174	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB
Zinc, Total	172		mg/kg	4.29	0.252	2	02/28/18 19:07	03/03/18 10:49	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-18
 Client ID: SB-5 (9.5-10)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 02/26/18 13:56
 Date Received: 02/27/18
 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	13300		mg/kg	8.74	2.36	2	02/28/18 19:07	03/05/18 16:43	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.37	0.332	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Arsenic, Total	4.00		mg/kg	0.874	0.182	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Barium, Total	134		mg/kg	0.874	0.152	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Beryllium, Total	0.044	J	mg/kg	0.437	0.029	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.874	0.086	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Calcium, Total	5660		mg/kg	8.74	3.06	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Chromium, Total	35.8		mg/kg	0.874	0.084	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Cobalt, Total	10.9		mg/kg	1.75	0.145	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Copper, Total	42.0		mg/kg	0.874	0.226	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Iron, Total	21600		mg/kg	4.37	0.790	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Lead, Total	81.0		mg/kg	4.37	0.234	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Magnesium, Total	9610		mg/kg	8.74	1.35	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Manganese, Total	349		mg/kg	0.874	0.139	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Mercury, Total	0.25		mg/kg	0.07	0.02	1	02/28/18 08:00	02/28/18 19:38	EPA 7471B	1,7471B	EA
Nickel, Total	16.7		mg/kg	2.18	0.212	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Potassium, Total	5300		mg/kg	218	12.6	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.75	0.226	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.874	0.247	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Sodium, Total	165	J	mg/kg	175	2.75	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.75	0.275	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Vanadium, Total	42.2		mg/kg	0.874	0.177	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB
Zinc, Total	108		mg/kg	4.37	0.256	2	02/28/18 19:07	03/03/18 10:53	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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): 06-07,09-18 Batch: WG1092983-1										
Mercury, Total	ND		mg/kg	0.08	0.02	1	02/28/18 08:00	02/28/18 18:59	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): 01-03,05 Batch: WG1093055-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Antimony, Dissolved	0.00102	J	mg/l	0.00400	0.00042	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	02/28/18 11:25	03/02/18 10:10	1,6020A	AM

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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): 01-03,05 Batch: WG1093094-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00006	1	02/28/18 11:08	02/28/18 22:19	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): 01-03,05,08 Batch: WG1093095-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	02/28/18 11:08	02/28/18 22:34	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): 06-07,09-18 Batch: WG1093254-1									
Aluminum, Total	ND	mg/kg	4.00	1.08	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Antimony, Total	ND	mg/kg	2.00	0.152	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Arsenic, Total	ND	mg/kg	0.400	0.083	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Barium, Total	ND	mg/kg	0.400	0.070	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Beryllium, Total	ND	mg/kg	0.200	0.013	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Cadmium, Total	ND	mg/kg	0.400	0.039	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Calcium, Total	ND	mg/kg	4.00	1.40	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Chromium, Total	ND	mg/kg	0.400	0.038	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Cobalt, Total	ND	mg/kg	0.800	0.066	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Copper, Total	ND	mg/kg	0.400	0.103	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Iron, Total	ND	mg/kg	2.00	0.361	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Lead, Total	ND	mg/kg	2.00	0.107	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Method Blank Analysis Batch Quality Control

Magnesium, Total	ND	mg/kg	4.00	0.616	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Manganese, Total	ND	mg/kg	0.400	0.064	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Nickel, Total	ND	mg/kg	1.00	0.097	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Potassium, Total	ND	mg/kg	100	5.76	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Selenium, Total	ND	mg/kg	0.800	0.103	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Silver, Total	ND	mg/kg	0.400	0.113	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Sodium, Total	ND	mg/kg	80.0	1.26	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Thallium, Total	ND	mg/kg	0.800	0.126	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Vanadium, Total	ND	mg/kg	0.400	0.081	1	02/28/18 19:07	03/01/18 09:28	1,6010C	AB
Zinc, Total	ND	mg/kg	2.00	0.117	1	02/28/18 19:07	03/01/18 09:28	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): 01-03,05,08 Batch: WG1093449-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Antimony, Total	0.00108	J	mg/l	0.00400	0.00042	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM

Project Name: BRONX PHASE II**Lab Number:** L1806702**Project Number:** 12.0076605.00**Report Date:** 03/06/18

Method Blank Analysis Batch Quality Control

Thallium, Total	ND	mg/l	0.00050	0.00014	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM
Zinc, Total	ND	mg/l	0.01000	0.00341	1	03/01/18 10:50	03/02/18 10:56	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07,09-18 Batch: WG1092983-2 SRM Lot Number: D098-540								
Mercury, Total	109		-		50-149	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1093055-2					
Aluminum, Dissolved	114	-	80-120	-	
Antimony, Dissolved	111	-	80-120	-	
Arsenic, Dissolved	105	-	80-120	-	
Barium, Dissolved	104	-	80-120	-	
Beryllium, Dissolved	110	-	80-120	-	
Cadmium, Dissolved	110	-	80-120	-	
Calcium, Dissolved	85	-	80-120	-	
Chromium, Dissolved	116	-	80-120	-	
Cobalt, Dissolved	111	-	80-120	-	
Copper, Dissolved	106	-	80-120	-	
Iron, Dissolved	106	-	80-120	-	
Lead, Dissolved	107	-	80-120	-	
Magnesium, Dissolved	113	-	80-120	-	
Manganese, Dissolved	117	-	80-120	-	
Nickel, Dissolved	110	-	80-120	-	
Potassium, Dissolved	118	-	80-120	-	
Selenium, Dissolved	108	-	80-120	-	
Silver, Dissolved	102	-	80-120	-	
Sodium, Dissolved	112	-	80-120	-	
Thallium, Dissolved	100	-	80-120	-	
Vanadium, Dissolved	118	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1093055-2					
Zinc, Dissolved	112	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 Batch: WG1093094-2					
Mercury, Dissolved	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03,05,08 Batch: WG1093095-2					
Mercury, Total	103	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07,09-18 Batch: WG1093254-2 SRM Lot Number: D098-540					
Aluminum, Total	69	-	47-153	-	
Antimony, Total	157	-	6-194	-	
Arsenic, Total	101	-	83-117	-	
Barium, Total	101	-	82-118	-	
Beryllium, Total	103	-	83-117	-	
Cadmium, Total	94	-	82-117	-	
Calcium, Total	92	-	81-118	-	
Chromium, Total	98	-	83-119	-	
Cobalt, Total	98	-	84-116	-	
Copper, Total	107	-	84-116	-	
Iron, Total	89	-	60-140	-	
Lead, Total	91	-	82-117	-	
Magnesium, Total	81	-	76-124	-	
Manganese, Total	96	-	82-118	-	
Nickel, Total	98	-	82-117	-	
Potassium, Total	83	-	69-131	-	
Selenium, Total	102	-	78-121	-	
Silver, Total	103	-	80-120	-	
Sodium, Total	96	-	74-126	-	
Thallium, Total	106	-	80-119	-	
Vanadium, Total	97	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 06-07,09-18 Batch: WG1093254-2 SRM Lot Number: D098-540					
Zinc, Total	94	-	81-119	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05,08 Batch: WG1093449-2					
Aluminum, Total	117	-	80-120	-	
Antimony, Total	119	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	105	-	80-120	-	
Beryllium, Total	114	-	80-120	-	
Cadmium, Total	112	-	80-120	-	
Calcium, Total	90	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	114	-	80-120	-	
Copper, Total	111	-	80-120	-	
Iron, Total	106	-	80-120	-	
Lead, Total	110	-	80-120	-	
Magnesium, Total	116	-	80-120	-	
Manganese, Total	119	-	80-120	-	
Nickel, Total	116	-	80-120	-	
Potassium, Total	119	-	80-120	-	
Selenium, Total	117	-	80-120	-	
Silver, Total	108	-	80-120	-	
Sodium, Total	115	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05,08 Batch: WG1093449-2					
Zinc, Total	116	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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): 06-07,09-18 QC Batch ID: WG1092983-3 WG1092983-4 QC Sample: L1806789-01 Client ID: MS Sample												
Mercury, Total	0.38	0.219	0.72	155	Q	1.2	367	Q	80-120	50	Q	20

Matrix Spike Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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): 01-03,05 QC Batch ID: WG1093055-3 QC Sample: L1806702-01 Client ID: TW-1									
Aluminum, Dissolved	0.00872J	2	2.28	114	-	-	75-125	-	20
Antimony, Dissolved	0.00118J	0.5	0.5828	116	-	-	75-125	-	20
Arsenic, Dissolved	0.00021J	0.12	0.1226	102	-	-	75-125	-	20
Barium, Dissolved	0.09267	2	2.150	103	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05446	109	-	-	75-125	-	20
Cadmium, Dissolved	0.00011J	0.051	0.05720	112	-	-	75-125	-	20
Calcium, Dissolved	55.2	10	64.9	97	-	-	75-125	-	20
Chromium, Dissolved	0.00084J	0.2	0.2392	120	-	-	75-125	-	20
Cobalt, Dissolved	0.00068	0.5	0.5557	111	-	-	75-125	-	20
Copper, Dissolved	0.00245	0.25	0.2783	110	-	-	75-125	-	20
Iron, Dissolved	0.0201J	1	1.27	127	Q	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.5469	107	-	-	75-125	-	20
Magnesium, Dissolved	12.5	10	24.6	121	-	-	75-125	-	20
Manganese, Dissolved	0.02304	0.5	0.6071	117	-	-	75-125	-	20
Nickel, Dissolved	0.00255	0.5	0.5670	113	-	-	75-125	-	20
Potassium, Dissolved	8.13	10	19.5	114	-	-	75-125	-	20
Selenium, Dissolved	0.00446J	0.12	0.145	121	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05229	104	-	-	75-125	-	20
Sodium, Dissolved	85.6	10	96.4	108	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1200	100	-	-	75-125	-	20
Vanadium, Dissolved	0.00159J	0.5	0.5950	119	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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): 01-03,05 QC Batch ID: WG1093055-3 QC Sample: L1806702-01 Client ID: TW-1									
Zinc, Dissolved	0.00865J	0.5	0.5775	116	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1093094-3 QC Sample: L1806702-01 Client ID: TW-1									
Mercury, Dissolved	ND	0.005	0.00518	104	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05,08 QC Batch ID: WG1093095-3 QC Sample: L1806702-01 Client ID: TW-1									
Mercury, Total	0.00008J	0.005	0.00521	104	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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): 06-07,09-18 QC Batch ID: WG1093254-3 QC Sample: L1806750-01 Client ID: MS Sample									
Aluminum, Total	1.77J	153	163	107	-	-	75-125	-	20
Antimony, Total	0.219J	38.2	38.3	100	-	-	75-125	-	20
Arsenic, Total	0.115J	9.17	10.2	111	-	-	75-125	-	20
Barium, Total	1.00	153	160	104	-	-	75-125	-	20
Beryllium, Total	ND	3.82	3.96	104	-	-	75-125	-	20
Cadmium, Total	ND	3.9	4.04	104	-	-	75-125	-	20
Calcium, Total	8.80	764	773	100	-	-	75-125	-	20
Chromium, Total	0.493	15.3	15.8	100	-	-	75-125	-	20
Cobalt, Total	0.099J	38.2	37.5	98	-	-	75-125	-	20
Copper, Total	0.954	19.1	20.6	103	-	-	75-125	-	20
Iron, Total	2900	76.4	1430	0	Q	-	75-125	-	20
Lead, Total	3.88	39	43.8	102	-	-	75-125	-	20
Magnesium, Total	2.08J	764	734	96	-	-	75-125	-	20
Manganese, Total	8.64	38.2	41.8	87	-	-	75-125	-	20
Nickel, Total	0.457J	38.2	37.6	98	-	-	75-125	-	20
Potassium, Total	ND	764	776	102	-	-	75-125	-	20
Selenium, Total	ND	9.17	10.2	111	-	-	75-125	-	20
Silver, Total	ND	22.9	25.1	109	-	-	75-125	-	20
Sodium, Total	7.82J	764	803	105	-	-	75-125	-	20
Thallium, Total	0.246J	9.17	8.60	94	-	-	75-125	-	20
Vanadium, Total	0.115J	38.2	39.8	104	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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): 06-07,09-18 QC Batch ID: WG1093254-3 QC Sample: L1806750-01 Client ID: MS Sample									
Zinc, Total	3.10	38.2	41.4	100	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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): 01-03,05,08 QC Batch ID: WG1093449-3 QC Sample: L1806892-07 Client ID: MS Sample									
Aluminum, Total	0.202	2	2.59	119	-	-	75-125	-	20
Antimony, Total	0.00077J	0.5	0.6500	130	Q	-	75-125	-	20
Arsenic, Total	0.0002J	0.12	0.1340	112	-	-	75-125	-	20
Barium, Total	0.0138	2	2.151	107	-	-	75-125	-	20
Beryllium, Total	0.00012J	0.05	0.05704	114	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.05928	116	-	-	75-125	-	20
Calcium, Total	2.81	10	10.3	75	-	-	75-125	-	20
Chromium, Total	0.0005J	0.2	0.2466	123	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.5754	115	-	-	75-125	-	20
Copper, Total	0.0006J	0.25	0.2830	113	-	-	75-125	-	20
Iron, Total	0.190	1	1.55	136	Q	-	75-125	-	20
Lead, Total	0.0005J	0.51	0.5732	112	-	-	75-125	-	20
Magnesium, Total	0.693	10	12.2	115	-	-	75-125	-	20
Manganese, Total	0.0458	0.5	0.6530	121	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.5962	119	-	-	75-125	-	20
Potassium, Total	1.09	10	13.5	124	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.150	125	-	-	75-125	-	20
Silver, Total	ND	0.05	0.05423	108	-	-	75-125	-	20
Sodium, Total	15.9	10	26.9	110	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1265	105	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.6154	123	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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): 01-03,05,08 QC Batch ID: WG1093449-3 QC Sample: L1806892-07 Client ID: MS Sample									
Zinc, Total	0.0066J	0.5	0.5991	120	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Project Number: 12.0076605.00

Lab Number: L1806702

Report Date: 03/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1093055-4 QC Sample: L1806702-01 Client ID: TW-1						
Aluminum, Dissolved	0.00872J	0.00788J	mg/l	NC		20
Antimony, Dissolved	0.00118J	0.00180J	mg/l	NC		20
Arsenic, Dissolved	0.00021J	0.00021J	mg/l	NC		20
Barium, Dissolved	0.09267	0.09255	mg/l	0		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	0.00011J	0.00008J	mg/l	NC		20
Calcium, Dissolved	55.2	55.1	mg/l	0		20
Chromium, Dissolved	0.00084J	0.00062J	mg/l	NC		20
Cobalt, Dissolved	0.00068	0.00066	mg/l	3		20
Copper, Dissolved	0.00245	0.00250	mg/l	2		20
Iron, Dissolved	0.0201J	0.0449J	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Magnesium, Dissolved	12.5	12.8	mg/l	2		20
Manganese, Dissolved	0.02304	0.02324	mg/l	1		20
Nickel, Dissolved	0.00255	0.00245	mg/l	4		20
Potassium, Dissolved	8.13	8.04	mg/l	1		20
Selenium, Dissolved	0.00446J	0.00374J	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	85.6	87.0	mg/l	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1093055-4 QC Sample: L1806702-01 Client ID: TW-1					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	0.00159J	ND	mg/l	NC	20
Zinc, Dissolved	0.00865J	0.00773J	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-03,05 QC Batch ID: WG1093094-4 QC Sample: L1806702-01 Client ID: TW-1					
Mercury, Dissolved	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05,08 QC Batch ID: WG1093095-4 QC Sample: L1806702-01 Client ID: TW-1					
Mercury, Total	0.00008J	0.00012J	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 06-07,09-18 QC Batch ID: WG1093254-4 QC Sample: L1806750-01 Client ID: DUP Sample					
Arsenic, Total	0.115J	0.196J	mg/kg	NC	20
Barium, Total	1.00	3.03	mg/kg	101	Q 20
Cadmium, Total	ND	ND	mg/kg	NC	20
Chromium, Total	0.493	0.650	mg/kg	27	Q 20
Copper, Total	0.954	0.757	mg/kg	23	Q 20
Lead, Total	3.88	9.78	mg/kg	86	Q 20
Nickel, Total	0.457J	0.469J	mg/kg	NC	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Zinc, Total	3.10	6.93	mg/kg	76	Q 20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Project Number: 12.0076605.00

Lab Number: L1806702

Report Date: 03/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05,08 QC Batch ID: WG1093449-4 QC Sample: L1806892-07 Client ID: DUP Sample					
Antimony, Total	0.00077J	0.00136J	mg/l	NC	20
Beryllium, Total	0.00012J	0.00012J	mg/l	NC	20
Thallium, Total	ND	ND	mg/l	NC	20

INORGANICS & MISCELLANEOUS

Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-06

Date Collected: 02/26/18 14:24

Client ID: SB-6 (1-2)

Date Received: 02/27/18

Sample Location: 180 E. 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.7		%	0.100	NA	1	-	03/01/18 00:21	121,2540G	FN



Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-07

Date Collected: 02/26/18 14:28

Client ID: SB-6 (9.5-10)

Date Received: 02/27/18

Sample Location: 180 E. 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	03/01/18 00:21	121,2540G	FN



Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-09

Date Collected: 02/26/18 09:45

Client ID: SB-1 (0-2)

Date Received: 02/27/18

Sample Location: 180 E. 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	03/01/18 00:21	121,2540G	FN



Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-10
 Client ID: SB-1 (12-12.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil

Date Collected: 02/26/18 09:55
 Date Received: 02/27/18
 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	91.2		%	0.100	NA	1	-	03/01/18 00:21	121,2540G	FN



Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-11

Date Collected: 02/26/18 11:37

Client ID: SB-2 (1-2)

Date Received: 02/27/18

Sample Location: 180 E. 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.3		%	0.100	NA	1	-	03/01/18 00:21	121,2540G	FN



Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-12
 Client ID: SB-2 (10.5-11)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil

Date Collected: 02/26/18 11:45
 Date Received: 02/27/18
 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	96.3		%	0.100	NA	1	-	03/01/18 00:21	121,2540G	FN



Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-13

Date Collected: 02/26/18 12:15

Client ID: SB-3 (1-2)

Date Received: 02/27/18

Sample Location: 180 E. 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.8		%	0.100	NA	1	-	03/01/18 00:21	121,2540G	FN



Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-14

Date Collected: 02/26/18 12:24

Client ID: SB-3 (7-7.5)

Date Received: 02/27/18

Sample Location: 180 E. 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	98.0		%	0.100	NA	1	-	03/01/18 01:40	121,2540G	FN



Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-15

Date Collected: 02/26/18 13:06

Client ID: SB-4 (1-2)

Date Received: 02/27/18

Sample Location: 180 E. 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	03/01/18 01:40	121,2540G	FN



Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-16
 Client ID: SB-4 (13-13.5)
 Sample Location: 180 E. 132ND STREET, BRONX, NY
 Sample Depth:
 Matrix: Soil

Date Collected: 02/26/18 13:12
 Date Received: 02/27/18
 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	78.4		%	0.100	NA	1	-	03/01/18 01:40	121,2540G	FN



Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-17

Date Collected: 02/26/18 13:50

Client ID: SB-5 (1-2)

Date Received: 02/27/18

Sample Location: 180 E. 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	03/01/18 01:40	121,2540G	FN



Project Name: BRONX PHASE II

Lab Number: L1806702

Project Number: 12.0076605.00

Report Date: 03/06/18

SAMPLE RESULTS

Lab ID: L1806702-18

Date Collected: 02/26/18 13:56

Client ID: SB-5 (9.5-10)

Date Received: 02/27/18

Sample Location: 180 E. 132ND STREET, BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	03/01/18 01:40	121,2540G	FN



Lab Duplicate Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Project Number: 12.0076605.00

Lab Number: L1806702

Report Date: 03/06/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 06-07,09-13 QC Batch ID: WG1093323-1 QC Sample: L1806702-06 Client ID: SB-6 (1-2)						
Solids, Total	88.7	90.0	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 14-18 QC Batch ID: WG1093331-1 QC Sample: L1806702-14 Client ID: SB-3 (7-7.5)						
Solids, Total	98.0	97.8	%	0		20

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Serial_No:03061817:08
Lab Number: L1806702
Report Date: 03/06/18

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent
D	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806702-01A	Vial HCl preserved	C	NA		3.3	Y	Absent		NYTCL-8260(14)
L1806702-01B	Vial HCl preserved	C	NA		3.3	Y	Absent		NYTCL-8260(14)
L1806702-01C	Vial HCl preserved	C	NA		3.3	Y	Absent		NYTCL-8260(14)
L1806702-01D	Plastic 250ml HNO3 preserved	C	<2	<2	3.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1806702-01E	Plastic 250ml HNO3 preserved	C	<2	<2	3.3	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1806702-01F	Amber 500ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8081(7)
L1806702-01G	Amber 500ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8081(7)
L1806702-01H	Amber 1000ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806702-01I	Amber 1000ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806702-01J	Amber 1000ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806702-01K	Amber 1000ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806702-02A	Vial HCl preserved	C	NA		3.3	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days



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L1806702-02B	Vial HCl preserved	C	NA		3.3	Y	Absent		NYTCL-8260(14)
L1806702-02C	Vial HCl preserved	C	NA		3.3	Y	Absent		NYTCL-8260(14)
L1806702-02D	Plastic 250ml HNO3 preserved	C	<2	<2	3.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1806702-02E	Plastic 250ml HNO3 preserved	C	<2	<2	3.3	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1806702-02F	Amber 500ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8081(7)
L1806702-02G	Amber 500ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8081(7)
L1806702-02H	Amber 1000ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806702-02I	Amber 1000ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806702-02J	Amber 1000ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806702-02K	Amber 1000ml unpreserved	C	NA		3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806702-03A	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L1806702-03B	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L1806702-03C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L1806702-03D	Plastic 250ml HNO3 preserved	A	<2	<2	4.5	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)

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L1806702-03E	Plastic 250ml HNO3 preserved	A	<2	<2	4.5	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1806702-03F	Amber 500ml unpreserved	A	NA		4.5	Y	Absent		NYTCL-8081(7)
L1806702-03G	Amber 500ml unpreserved	A	NA		4.5	Y	Absent		NYTCL-8081(7)
L1806702-03H	Amber 1000ml unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806702-03I	Amber 1000ml unpreserved	A	NA		4.5	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806702-03J	Amber 1000ml unpreserved	A	NA		4.5	Y	Absent		NYTCL-8082-1200ML(7)
L1806702-03K	Amber 1000ml unpreserved	A	NA		4.5	Y	Absent		NYTCL-8082-1200ML(7)
L1806702-04A	Vial HCl preserved	D	NA		3.4	Y	Absent		NYTCL-8260(14)
L1806702-04B	Vial HCl preserved	D	NA		3.4	Y	Absent		NYTCL-8260(14)
L1806702-04C	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L1806702-04D	Vial HCl preserved	A	NA		4.5	Y	Absent		NYTCL-8260(14)
L1806702-05A	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)
L1806702-05B	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)
L1806702-05C	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)
L1806702-05D	Plastic 250ml HNO3 preserved	B	<2	<2	3.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1806702-05E	Plastic 250ml HNO3 preserved	B	<2	<2	3.3	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

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L1806702-05F	Amber 500ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8081(7)
L1806702-05G	Amber 500ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8081(7)
L1806702-05H	Amber 1000ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806702-05I	Amber 1000ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806702-05J	Amber 1000ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806702-05K	Amber 1000ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806702-06A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-06B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-06C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-06D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L1806702-06E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-06F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806702-07A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-07B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-07C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-07D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L1806702-07E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-07F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806702-08A	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)
L1806702-08B	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)
L1806702-08C	Vial HCl preserved	B	NA		3.3	Y	Absent		NYTCL-8260(14)

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L1806702-08D	Plastic 250ml HNO3 preserved	B	<2	<2	3.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L1806702-08E	Amber 500ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8081(7)
L1806702-08F	Amber 500ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8081(7)
L1806702-08G	Amber 1000ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806702-08H	Amber 1000ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806702-08I	Amber 1000ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806702-08J	Amber 1000ml unpreserved	B	NA		3.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806702-09A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-09B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-09C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-09D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L1806702-09E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-09F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806702-10A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-10B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-10C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-10D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L1806702-10E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-10F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)

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L1806702-11A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-11B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-11C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-11D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L1806702-11E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-11F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806702-12A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-12B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-12C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-12D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L1806702-12E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-12F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806702-13A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-13B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-13C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-13D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L1806702-13E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-13F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806702-14A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-14B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)

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L1806702-14C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-14D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L1806702-14E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-14F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806702-15A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-15B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-15C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-15D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L1806702-15E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-15F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806702-16A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-16B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-16C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-16D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L1806702-16E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-16F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806702-17A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-17B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-17C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-17D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Serial_No:03061817:08
Lab Number: L1806702
Report Date: 03/06/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806702-17E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-17F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806702-18A	Vial MeOH preserved	D	NA		3.4	Y	Absent		NYTCL-8260HLW(14)
L1806702-18B	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-18C	Vial water preserved	D	NA		3.4	Y	Absent	28-FEB-18 03:02	NYTCL-8260HLW(14)
L1806702-18D	Plastic 2oz unpreserved for TS	D	NA		3.4	Y	Absent		TS(7)
L1806702-18E	Metals Only-Glass 60mL/2oz unpreserved	D	NA		3.4	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)
L1806702-18F	Glass 250ml/8oz unpreserved	D	NA		3.4	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806702
Report Date: 03/06/18

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



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Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



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REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

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

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

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

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

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

Mansfield Facility

SM 2540D: TSS

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: Chloride, 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: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, 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, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522.

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 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 1 of 2	Date Rec'd in Lab 2/27/18	ALPHA Job # L1806702						
		Project Information Project Name: Bronx Phase II Project Location: 180 E 132nd Street, Bronx NY Project # 17.0076605.00 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input checked="" type="checkbox"/> NJ Full / Reduced <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: GZA Geo Environmental Address: 55 Lane Road Fairfield, NJ 07004 Phone: (973) 774-3300 Fax: Email: Sandra.huber@gza.com		Project Manager: Sandra Huber 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 checked="" type="checkbox"/> Other NY		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		Sample Filtration <input checked="" type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)						
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.		NYTCL-8270 PCB PEST Total Hg Dissolved Metals DISSOLVED Hg NYTCL-8280 Pest, PCB, NYTCL-8270 Total Hg Total Metals		Total Bottle				
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		Sample Specific Comments		
06702-01		TW-1		2/26/18 1009		GW		LD		X X X X X X		11
-02		TW-4		2/26/18 1300		GW		LD		X X X X X X		11
-03		TW-6		2/26/18 1545		GW		CM		X X X X X X		11
-04		Trip Blank		2/23/18				LS				2
-05		Field Blank - TW		2/26/18 1805				LD		X X X X X X		11
-06		SB-6(1-2)		2/26/18 1424		S		CM		X X X		6
-07		SB-6(9.5-10)		2/26/18 1428		S		CM		X X X		6
-08		Field Blank - Soil		2/26/18 1745				LD		X X X X X		10
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 AA AP P V A A		Preservative AA AC C B A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)		
Relinquished By: Casey McGuffey BFB		Date/Time 2/27/18 12:46 2-27-18-18:36		Received By: BFB DAL		Date/Time 2-27-18-46 2/27/18 2220						

 NEW JERSEY 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 2 of 2		Date Rec'd in Lab 2/27/18		ALPHA Job # L1806702			
		Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288		Project Information Project Name: Bronx Phase II Project Location: 180 E 132nd St, Bronx NY Project # 12.0076605.00 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input checked="" type="checkbox"/> NJ Full / Reduced <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: GZA Geo Environmental Address: 55 Lane Road Fairfield, NJ 07004 Phone: (973) 774-3300 Fax: Email: Sandra.huber@gza.com		Project Manager: Sandra Huber 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 checked="" type="checkbox"/> Other NY		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		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)					
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.		POST, PCB NY TCL-8270 Total Hg Total Metals NY TCL-8260		Sample Specific Comments			
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		Total Bottles	
		06702-09 SB-1 (0-2)		2/26/18 0945		S		CM		X X X	
		-10 SB-1 (12-12.5)		2/26/18 0955		S		CM		X X X	
		-11 SB-2 (1-2)		2/26/18 1137		S		CM		X X X	
		-12 SB-2 (10.5-11)		2/26/18 1145		S		CM		X X X	
		-13 SB-3 (1-2)		2/26/18 1215		S		CM		X X X	
		-14 SB-3 (7-7.5)		2/26/18 1224		S		CM		X X X	
		-15 SB-4 (1-2)		2/26/18 1306		S		CM		X X X	
		-16 SB-4 (13-13.5)		2/26/18 1312		S		CM		X X X	
		-17 SB-5 (1-2)		2/26/18 1350		S		CM		X X X	
		-18 SB-5 (9.5-10)		2/26/18 1356		S		CM		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		A A V A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By:		Date/Time		Received By:		Date/Time					
Cathy McGuffey BFB		2/27/18 1246 2-28-18 18:36		BFB BFB		2-27-18-13:46 2/27/18 2220					

 NEW JERSEY 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 2 of 2	Date Rec'd in Lab <i>2/4/19</i>	ALPHA Job # <i>21904417</i>					
	Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	Mansfield, MA 02048 320 Forbes Blvd TEL: 508-822-9300 FAX: 508-822-3288	Project Information		Deliverables	Billing Information			
Client Information Client: <i>GZA Geo Environmental</i> Address: <i>55 Lane Road Fairfield NJ</i> Phone: <i>973-771-3300</i> Fax: Email: <i>Sandra.Huber@gza.com</i>		Project Name: <i>Carnegie Management</i> Project Location: <i>180 E 132nd Street, Bronx NY</i> Project # <i>12.0076605-10</i> (Use Project name as Project #) <input type="checkbox"/>		<input checked="" type="checkbox"/> NJ Full / Reduced <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other	<input type="checkbox"/> Same as Client Info PO #				
Project Manager: <i>Sandra Huber</i> ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement		Site Information					
These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		Sample Filtration					
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: <i>New York Site</i> Please specify Metals or TAL.		<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)					
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	PAH (EPH Method 8270)	TAL Metals	EPH Method 6010 / 1471	Total Bottles
		Date	Time						
<i>21904417</i>	<i>-11 SB-16 (12')</i>	<i>2-4-19</i>	<i>1121</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>		
	<i>-12 SB-16 (14')</i>	<i>2-4-19</i>	<i>1123</i>	<i>Soil</i>	<i>MB</i>	<i>X</i>	<i>X</i>		
	<i>-13 Field Blank</i>	<i>2-4-19</i>	<i>1125</i>	<i>DE</i>	<i>MB</i>	<i>X</i>	<i>X</i>		
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type <i>AA</i> Preservative <i>AA</i>		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By:		Date/Time		Received By:		Date/Time			
<i>[Signature]</i>		<i>2-4-19-1715</i>		<i>[Signature]</i>		<i>2-4-19 1715</i>			
<i>[Signature]</i>		<i>2-4-19 1815</i>		<i>[Signature]</i>		<i>2-4-19 1900</i>			
<i>[Signature]</i>		<i>2/4/19 2240</i>		<i>[Signature]</i>		<i>2/4/19 2240</i>			



ANALYTICAL REPORT

Lab Number:	L1806946
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Sandra Huber
Phone:	(973) 774-3300
Project Name:	BRONX PHASE II
Project Number:	12.0076605.00
Report Date:	03/07/18

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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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1806946-01	TW-5	WATER	180 E. 132ND ST., BRONX, NY	02/27/18 14:10	02/28/18
L1806946-02	TW-9	WATER	180 E. 132ND ST., BRONX, NY	02/27/18 11:35	02/28/18
L1806946-03	DUP-GW	WATER	180 E. 132ND ST., BRONX, NY	02/27/18 11:40	02/28/18
L1806946-04	FIELD BLANK-GW2	WATER	180 E. 132ND ST., BRONX, NY	02/27/18 14:24	02/28/18

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Case Narrative (continued)

Report Submission

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

Sample Receipt

L1806946-01: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO₃ to a pH <2.

Total Metals

L1806946-04: The Field Blank has a result for barium 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.

Dissolved Metals

L1806946-04: The Field Blank has results for barium and manganese present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1093987-3 MS recoveries for calcium (28%), magnesium (160%) and sodium (0%), performed on L1806946-01, do not apply because the sample concentrations are greater than four times the spike amounts 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:

 Melissa Cripps

Title: Technical Director/Representative

Date: 03/07/18

ORGANICS

VOLATILES

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-01
Client ID: TW-5
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 14:10
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/18 12:13
Analyst: MKS

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

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-01
 Client ID: TW-5
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:10
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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	29		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

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-01
Client ID: TW-5
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 14:10
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	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	106		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	108		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-02
Client ID: TW-9
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 11:35
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 03/03/18 12:41
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

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-02
 Client ID: TW-9
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:35
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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	1.6	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

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-02
 Client ID: TW-9
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:35
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	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	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	109		70-130

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-03
 Client ID: DUP-GW
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 03/03/18 13:09
 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

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-03
 Client ID: DUP-GW
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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	1.5	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

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-03
Client ID: DUP-GW
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 11:40
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	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	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	110		70-130

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-04
 Client ID: FIELD BLANK-GW2
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:24
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8260C
 Analytical Date: 03/02/18 12:25
 Analyst: MKS

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

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-04
 Client ID: FIELD BLANK-GW2
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:24
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
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

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-04
 Client ID: FIELD BLANK-GW2
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:24
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	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	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	94		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/02/18 08:13
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1093887-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/02/18 08:13
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1093887-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 03/02/18 08:13
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG1093887-5					
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	98		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	93		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/03/18 10:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1094552-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/03/18 10:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1094552-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/03/18 10:21
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1094552-5					
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	102		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1093887-3 WG1093887-4								
Methylene chloride	86		86		70-130	0		20
1,1-Dichloroethane	95		94		70-130	1		20
Chloroform	92		92		70-130	0		20
Carbon tetrachloride	84		83		63-132	1		20
1,2-Dichloropropane	96		95		70-130	1		20
Dibromochloromethane	84		85		63-130	1		20
1,1,2-Trichloroethane	98		99		70-130	1		20
Tetrachloroethene	83		81		70-130	2		20
Chlorobenzene	88		86		75-130	2		20
Trichlorofluoromethane	96		95		62-150	1		20
1,2-Dichloroethane	99		100		70-130	1		20
1,1,1-Trichloroethane	88		86		67-130	2		20
Bromodichloromethane	89		88		67-130	1		20
trans-1,3-Dichloropropene	90		90		70-130	0		20
cis-1,3-Dichloropropene	88		89		70-130	1		20
1,1-Dichloropropene	92		91		70-130	1		20
Bromoform	78		79		54-136	1		20
1,1,2,2-Tetrachloroethane	98		100		67-130	2		20
Benzene	91		90		70-130	1		20
Toluene	89		88		70-130	1		20
Ethylbenzene	91		90		70-130	1		20
Chloromethane	90		89		64-130	1		20
Bromomethane	63		58		39-139	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1093887-3 WG1093887-4								
Vinyl chloride	87		85		55-140	2		20
Chloroethane	94		94		55-138	0		20
1,1-Dichloroethene	85		86		61-145	1		20
trans-1,2-Dichloroethene	87		86		70-130	1		20
Trichloroethene	88		86		70-130	2		20
1,2-Dichlorobenzene	87		87		70-130	0		20
1,3-Dichlorobenzene	86		85		70-130	1		20
1,4-Dichlorobenzene	87		86		70-130	1		20
Methyl tert butyl ether	84		84		63-130	0		20
p/m-Xylene	90		90		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	86		85		70-130	1		20
Dibromomethane	91		91		70-130	0		20
1,2,3-Trichloropropane	99		100		64-130	1		20
Acrylonitrile	110		110		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	69		68		36-147	1		20
Acetone	110		120		58-148	9		20
Carbon disulfide	82		79		51-130	4		20
2-Butanone	120		120		63-138	0		20
Vinyl acetate	110		110		70-130	0		20
4-Methyl-2-pentanone	97		100		59-130	3		20
2-Hexanone	96		99		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1093887-3 WG1093887-4								
Bromochloromethane	87		88		70-130	1		20
2,2-Dichloropropane	85		82		63-133	4		20
1,2-Dibromoethane	90		91		70-130	1		20
1,3-Dichloropropane	95		96		70-130	1		20
1,1,1,2-Tetrachloroethane	84		83		64-130	1		20
Bromobenzene	84		84		70-130	0		20
n-Butylbenzene	98		95		53-136	3		20
sec-Butylbenzene	94		90		70-130	4		20
tert-Butylbenzene	88		86		70-130	2		20
o-Chlorotoluene	92		91		70-130	1		20
p-Chlorotoluene	91		90		70-130	1		20
1,2-Dibromo-3-chloropropane	78		79		41-144	1		20
Hexachlorobutadiene	83		81		63-130	2		20
Isopropylbenzene	92		89		70-130	3		20
p-Isopropyltoluene	90		88		70-130	2		20
Naphthalene	87		92		70-130	6		20
n-Propylbenzene	98		96		69-130	2		20
1,2,3-Trichlorobenzene	89		91		70-130	2		20
1,2,4-Trichlorobenzene	86		84		70-130	2		20
1,3,5-Trimethylbenzene	91		90		64-130	1		20
1,2,4-Trimethylbenzene	91		90		70-130	1		20
1,4-Dioxane	76		76		56-162	0		20
p-Diethylbenzene	90		88		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG1093887-3 WG1093887-4								
p-Ethyltoluene	93		91		70-130	2		20
1,2,4,5-Tetramethylbenzene	88		85		70-130	3		20
Ethyl ether	94		95		59-134	1		20
trans-1,4-Dichloro-2-butene	99		100		70-130	1		20

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	109		110		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	102		101		70-130
Dibromofluoromethane	96		97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1094552-3 WG1094552-4								
Methylene chloride	91		95		70-130	4		20
1,1-Dichloroethane	97		100		70-130	3		20
Chloroform	95		99		70-130	4		20
Carbon tetrachloride	88		93		63-132	6		20
1,2-Dichloropropane	96		100		70-130	4		20
Dibromochloromethane	88		92		63-130	4		20
1,1,2-Trichloroethane	97		100		70-130	3		20
Tetrachloroethene	85		89		70-130	5		20
Chlorobenzene	89		91		75-130	2		20
Trichlorofluoromethane	92		95		62-150	3		20
1,2-Dichloroethane	97		98		70-130	1		20
1,1,1-Trichloroethane	90		96		67-130	6		20
Bromodichloromethane	92		96		67-130	4		20
trans-1,3-Dichloropropene	90		94		70-130	4		20
cis-1,3-Dichloropropene	93		97		70-130	4		20
1,1-Dichloropropene	90		95		70-130	5		20
Bromoform	80		88		54-136	10		20
1,1,2,2-Tetrachloroethane	90		97		67-130	7		20
Benzene	96		99		70-130	3		20
Toluene	91		94		70-130	3		20
Ethylbenzene	90		92		70-130	2		20
Chloromethane	100		100		64-130	0		20
Bromomethane	90		88		39-139	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1094552-3 WG1094552-4								
Vinyl chloride	94		97		55-140	3		20
Chloroethane	110		120		55-138	9		20
1,1-Dichloroethene	95		97		61-145	2		20
trans-1,2-Dichloroethene	92		97		70-130	5		20
Trichloroethene	94		97		70-130	3		20
1,2-Dichlorobenzene	86		88		70-130	2		20
1,3-Dichlorobenzene	86		89		70-130	3		20
1,4-Dichlorobenzene	86		88		70-130	2		20
Methyl tert butyl ether	87		91		63-130	4		20
p/m-Xylene	90		95		70-130	5		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	93		96		70-130	3		20
Dibromomethane	95		100		70-130	5		20
1,2,3-Trichloropropane	88		92		64-130	4		20
Acrylonitrile	110		110		70-130	0		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	81		86		36-147	6		20
Acetone	110		110		58-148	0		20
Carbon disulfide	94		98		51-130	4		20
2-Butanone	110		120		63-138	9		20
Vinyl acetate	100		110		70-130	10		20
4-Methyl-2-pentanone	88		95		59-130	8		20
2-Hexanone	88		93		57-130	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1094552-3 WG1094552-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	95		98		63-133	3		20
1,2-Dibromoethane	90		94		70-130	4		20
1,3-Dichloropropane	93		96		70-130	3		20
1,1,1,2-Tetrachloroethane	90		95		64-130	5		20
Bromobenzene	84		87		70-130	4		20
n-Butylbenzene	88		91		53-136	3		20
sec-Butylbenzene	85		87		70-130	2		20
tert-Butylbenzene	70		71		70-130	1		20
o-Chlorotoluene	76		82		70-130	8		20
p-Chlorotoluene	84		87		70-130	4		20
1,2-Dibromo-3-chloropropane	75		78		41-144	4		20
Hexachlorobutadiene	78		80		63-130	3		20
Isopropylbenzene	82		86		70-130	5		20
p-Isopropyltoluene	82		85		70-130	4		20
Naphthalene	72		82		70-130	13		20
n-Propylbenzene	86		89		69-130	3		20
1,2,3-Trichlorobenzene	79		86		70-130	8		20
1,2,4-Trichlorobenzene	80		84		70-130	5		20
1,3,5-Trimethylbenzene	84		87		64-130	4		20
1,2,4-Trimethylbenzene	86		89		70-130	3		20
1,4-Dioxane	66		68		56-162	3		20
p-Diethylbenzene	82		85		70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1094552-3 WG1094552-4								
p-Ethyltoluene	85		87		70-130	2		20
1,2,4,5-Tetramethylbenzene	87		90		70-130	3		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	91		96		70-130	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		101		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	106		105		70-130

SEMIVOLATILES

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-01
Client ID: TW-5
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 14:10
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/06/18 13:53
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/02/18 07:24

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

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-01
 Client ID: TW-5
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:10
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
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	16.	J	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	37		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	62		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-01
Client ID: TW-5
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 14:10
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/18 20:56
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 03/02/18 07:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	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	0.06	J	ug/l	0.10	0.04	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.03	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	0.13		ug/l	0.10	0.04	1
Anthracene	0.30		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	0.03	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: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-01

Date Collected: 02/27/18 14:10

Client ID: TW-5

Date Received: 02/28/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Field Filtered (Dissolved Metals)

Sample Depth:

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	27		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	57		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-02
Client ID: TW-9
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 11:35
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 03/06/18 14:18
Analyst: EK

Extraction Method:EPA 3510C
Extraction Date: 03/02/18 07:24

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

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-02
 Client ID: TW-9
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:35
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
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	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	72		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-02
Client ID: TW-9
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 11:35
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/18 21:25
Analyst: KL

Extraction Method:EPA 3510C
Extraction Date: 03/02/18 07:26

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	0.06	J	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	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	0.07	J	ug/l	0.10	0.04	1
Anthracene	0.05	J	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	0.06	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: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-02
 Client ID: TW-9
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:35
 Date Received: 02/28/18
 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	33		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	75		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-03
 Client ID: DUP-GW
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 14:44
 Analyst: EK

Extraction Method: EPA 3510C
 Extraction Date: 03/02/18 07:24

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

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-03
 Client ID: DUP-GW
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
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	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	87		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-03
Client ID: DUP-GW
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 11:40
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 03/04/18 21:54
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 03/02/18 07:26

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	0.04	J	ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	0.07	J	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	0.07	J	ug/l	0.10	0.04	1
Anthracene	0.06	J	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	0.07	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	0.04	J	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: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-03
 Client ID: DUP-GW
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 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	37		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	90		41-149

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-04
 Client ID: FIELD BLANK-GW2
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:24
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 15:09
 Analyst: EK

Extraction Method: EPA 3510C
 Extraction Date: 03/02/18 07:24

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

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-04
 Client ID: FIELD BLANK-GW2
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:24
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.66	1
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	ND		ug/l	2.0	0.63	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	80		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-04
 Client ID: FIELD BLANK-GW2
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:24
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8270D-SIM
 Analytical Date: 03/04/18 22:22
 Analyst: KL

Extraction Method: EPA 3510C
 Extraction Date: 03/02/18 07:26

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	0.06	J	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: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-04
 Client ID: FIELD BLANK-GW2
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:24
 Date Received: 02/28/18
 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	38		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	79		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/03/18 02:32
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/01/18 22:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1093708-1					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/03/18 02:32
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/01/18 22:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1093708-1					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/03/18 02:32
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 03/01/18 22:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1093708-1					
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	62		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	99		15-120
2,4,6-Tribromophenol	110		10-120
4-Terphenyl-d14	98		41-149

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/03/18 17:42
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 03/01/18 22:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1093710-1					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 03/03/18 17:42
Analyst: KL

Extraction Method: EPA 3510C
Extraction Date: 03/01/18 22:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1093710-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	86		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

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: WG1093708-2 WG1093708-3								
Acenaphthene	87		77		37-111	12		30
1,2,4-Trichlorobenzene	81		66		39-98	20		30
Hexachlorobenzene	95		84		40-140	12		30
Bis(2-chloroethyl)ether	81		66		40-140	20		30
2-Chloronaphthalene	97		83		40-140	16		30
1,2-Dichlorobenzene	75		59		40-140	24		30
1,3-Dichlorobenzene	72		58		40-140	22		30
1,4-Dichlorobenzene	72		57		36-97	23		30
3,3'-Dichlorobenzidine	88		78		40-140	12		30
2,4-Dinitrotoluene	118		106		48-143	11		30
2,6-Dinitrotoluene	120		105		40-140	13		30
Fluoranthene	96		85		40-140	12		30
4-Chlorophenyl phenyl ether	94		83		40-140	12		30
4-Bromophenyl phenyl ether	97		86		40-140	12		30
Bis(2-chloroisopropyl)ether	81		66		40-140	20		30
Bis(2-chloroethoxy)methane	91		78		40-140	15		30
Hexachlorobutadiene	86		70		40-140	21		30
Hexachlorocyclopentadiene	63		47		40-140	29		30
Hexachloroethane	76		60		40-140	24		30
Isophorone	98		85		40-140	14		30
Naphthalene	80		66		40-140	19		30
Nitrobenzene	100		83		40-140	19		30
NDPA/DPA	95		82		40-140	15		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

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: WG1093708-2 WG1093708-3								
n-Nitrosodi-n-propylamine	99		86		29-132	14		30
Bis(2-ethylhexyl)phthalate	97		83		40-140	16		30
Butyl benzyl phthalate	113		102		40-140	10		30
Di-n-butylphthalate	105		93		40-140	12		30
Di-n-octylphthalate	108		91		40-140	17		30
Diethyl phthalate	99		88		40-140	12		30
Dimethyl phthalate	106		94		40-140	12		30
Benzo(a)anthracene	94		83		40-140	12		30
Benzo(a)pyrene	92		83		40-140	10		30
Benzo(b)fluoranthene	88		79		40-140	11		30
Benzo(k)fluoranthene	92		81		40-140	13		30
Chrysene	88		77		40-140	13		30
Acenaphthylene	100		86		45-123	15		30
Anthracene	93		82		40-140	13		30
Benzo(ghi)perylene	91		81		40-140	12		30
Fluorene	91		81		40-140	12		30
Phenanthrene	88		78		40-140	12		30
Dibenzo(a,h)anthracene	92		80		40-140	14		30
Indeno(1,2,3-cd)pyrene	96		85		40-140	12		30
Pyrene	94		83		26-127	12		30
Biphenyl	92		81		40-140	13		30
4-Chloroaniline	74		64		40-140	14		30
2-Nitroaniline	123		111		52-143	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

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: WG1093708-2 WG1093708-3								
3-Nitroaniline	84		77		25-145	9		30
4-Nitroaniline	99		88		51-143	12		30
Dibenzofuran	91		81		40-140	12		30
2-Methylnaphthalene	85		72		40-140	17		30
1,2,4,5-Tetrachlorobenzene	98		82		2-134	18		30
Acetophenone	87		72		39-129	19		30
2,4,6-Trichlorophenol	117		103		30-130	13		30
p-Chloro-m-cresol	106	Q	98	Q	23-97	8		30
2-Chlorophenol	85		71		27-123	18		30
2,4-Dichlorophenol	102		90		30-130	13		30
2,4-Dimethylphenol	105		91		30-130	14		30
2-Nitrophenol	116		98		30-130	17		30
4-Nitrophenol	76		66		10-80	14		30
2,4-Dinitrophenol	114		100		20-130	13		30
4,6-Dinitro-o-cresol	121		112		20-164	8		30
Pentachlorophenol	84		72		9-103	15		30
Phenol	44		39		12-110	12		30
2-Methylphenol	86		74		30-130	15		30
3-Methylphenol/4-Methylphenol	88		75		30-130	16		30
2,4,5-Trichlorophenol	117		100		30-130	16		30
Benzoic Acid	26		42		10-164	47	Q	30
Benzyl Alcohol	86		75		26-116	14		30
Carbazole	91		81		55-144	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

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: WG1093708-2 WG1093708-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		58		21-120
Phenol-d6	51		46		10-120
Nitrobenzene-d5	114		94		23-120
2-Fluorobiphenyl	110		96		15-120
2,4,6-Tribromophenol	123	Q	109		10-120
4-Terphenyl-d14	101		90		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1093710-2 WG1093710-3								
Acenaphthene	63		66		40-140	5		40
2-Chloronaphthalene	74		78		40-140	5		40
Fluoranthene	71		73		40-140	3		40
Hexachlorobutadiene	63		66		40-140	5		40
Naphthalene	65		69		40-140	6		40
Benzo(a)anthracene	73		75		40-140	3		40
Benzo(a)pyrene	88		91		40-140	3		40
Benzo(b)fluoranthene	85		88		40-140	3		40
Benzo(k)fluoranthene	81		82		40-140	1		40
Chrysene	74		78		40-140	5		40
Acenaphthylene	79		84		40-140	6		40
Anthracene	72		75		40-140	4		40
Benzo(ghi)perylene	90		95		40-140	5		40
Fluorene	65		71		40-140	9		40
Phenanthrene	70		74		40-140	6		40
Dibenzo(a,h)anthracene	94		98		40-140	4		40
Indeno(1,2,3-cd)pyrene	90		95		40-140	5		40
Pyrene	73		75		40-140	3		40
2-Methylnaphthalene	65		70		40-140	7		40
Pentachlorophenol	88		86		40-140	2		40
Hexachlorobenzene	76		79		40-140	4		40
Hexachloroethane	65		72		40-140	10		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1093710-2 WG1093710-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	54		57		21-120
Phenol-d6	44		47		10-120
Nitrobenzene-d5	83		88		23-120
2-Fluorobiphenyl	91		97		15-120
2,4,6-Tribromophenol	92		98		10-120
4-Terphenyl-d14	89		91		41-149

PCBS

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-01
Client ID: TW-5
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 14:10
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/05/18 09:25
Analyst: HT

Extraction Method:EPA 3510C
Extraction Date: 03/03/18 00:21
Cleanup Method: EPA 3665A
Cleanup Date: 03/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/03/18

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	116		30-150	A
Decachlorobiphenyl	88		30-150	A
2,4,5,6-Tetrachloro-m-xylene	118		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-02
Client ID: TW-9
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 11:35
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/05/18 11:12
Analyst: HT

Extraction Method:EPA 3510C
Extraction Date: 03/03/18 00:21
Cleanup Method: EPA 3665A
Cleanup Date: 03/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/03/18

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	109		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	110		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-03
 Client ID: DUP-GW
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 03/05/18 11:26
 Analyst: HT

Extraction Method: EPA 3510C
 Extraction Date: 03/03/18 00:21
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/03/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/03/18

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	108		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	109		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-04
Client ID: FIELD BLANK-GW2
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:

Date Collected: 02/27/18 14:24
Date Received: 02/28/18
Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 03/05/18 11:39
Analyst: HT

Extraction Method:EPA 3510C
Extraction Date: 03/03/18 00:21
Cleanup Method: EPA 3665A
Cleanup Date: 03/03/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/03/18

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	111		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	110		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/02/18 13:50
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 03/02/18 01:15
Cleanup Method: EPA 3665A
Cleanup Date: 03/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1093737-1						
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	93		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	91		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1093737-2 WG1093737-3									
Aroclor 1016	90		79		40-140	13		50	A
Aroclor 1260	94		83		40-140	12		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		89		30-150	A
Decachlorobiphenyl	107		94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	106		92		30-150	B
Decachlorobiphenyl	98		87		30-150	B

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Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-01
 Client ID: TW-5
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:10
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 22:32
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 03/02/18 07:58

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	0.007	J	ug/l	0.040	0.004	1	A
4,4'-DDD	0.014	J	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

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-01
 Client ID: TW-5
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:10
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab							
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Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-02
 Client ID: TW-9
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:35
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 10:33
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 03/02/18 07:58

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	0.029	J	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

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-02
 Client ID: TW-9
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:35
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
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Organochlorine Pesticides by GC - Westborough Lab							
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Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	108		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-03
 Client ID: DUP-GW
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 10:46
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 03/02/18 07:58

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

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-03
 Client ID: DUP-GW
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	117		30-150	A
Decachlorobiphenyl	123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	112		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-04
 Client ID: FIELD BLANK-GW2
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:24
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Matrix: Water
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 11:11
 Analyst: KEG

Extraction Method: EPA 3510C
 Extraction Date: 03/02/18 07:58

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

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806946-04
 Client ID: FIELD BLANK-GW2
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 14:24
 Date Received: 02/28/18
 Field Prep: Field Filtered (Dissolved Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/05/18 14:31
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 03/01/18 13:32

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1093562-1						
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/05/18 14:31
Analyst: KEG

Extraction Method: EPA 3510C
Extraction Date: 03/01/18 13:32

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1093562-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	71		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1093562-2 WG1093562-3									
Delta-BHC	73		108		30-150	39	Q	20	A
Lindane	69		101		30-150	37	Q	20	A
Alpha-BHC	71		106		30-150	39	Q	20	A
Beta-BHC	62		91		30-150	38	Q	20	A
Heptachlor	65		95		30-150	37	Q	20	A
Aldrin	67		98		30-150	38	Q	20	A
Heptachlor epoxide	67		97		30-150	36	Q	20	A
Endrin	64		94		30-150	38	Q	20	A
Endrin aldehyde	44		66		30-150	40	Q	20	A
Endrin ketone	61		89		30-150	38	Q	20	A
Dieldrin	69		101		30-150	38	Q	20	A
4,4'-DDE	64		96		30-150	39	Q	20	A
4,4'-DDD	68		100		30-150	37	Q	20	A
4,4'-DDT	55		81		30-150	39	Q	20	A
Endosulfan I	64		95		30-150	38	Q	20	A
Endosulfan II	62		91		30-150	38	Q	20	A
Endosulfan sulfate	62		91		30-150	38	Q	20	A
Methoxychlor	52		76		30-150	38	Q	20	A
cis-Chlordane	60		89		30-150	39	Q	20	A
trans-Chlordane	63		93		30-150	39	Q	20	A

Lab Control Sample Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1093562-2 WG1093562-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		95		30-150	A
Decachlorobiphenyl	71		102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		104		30-150	B
Decachlorobiphenyl	66		98		30-150	B

METALS

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-01
 Client ID: TW-5
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/27/18 14:10
 Date Received: 02/28/18
 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	73.2		mg/l	0.0100	0.00327	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Antimony, Total	0.00359	J	mg/l	0.00400	0.00042	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Arsenic, Total	0.04264		mg/l	0.00050	0.00016	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Barium, Total	3.680		mg/l	0.00050	0.00017	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Beryllium, Total	0.00541		mg/l	0.00050	0.00010	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Cadmium, Total	0.01289		mg/l	0.00020	0.00005	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Calcium, Total	2240		mg/l	2.00	0.788	20	03/02/18 10:25	03/05/18 13:34	EPA 3005A	1,6020A	AM
Chromium, Total	0.1737		mg/l	0.00100	0.00017	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Cobalt, Total	0.07119		mg/l	0.00050	0.00016	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Copper, Total	1.044		mg/l	0.00100	0.00038	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Iron, Total	130.		mg/l	0.0500	0.0191	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Lead, Total	8.526		mg/l	0.00100	0.00034	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Magnesium, Total	349.		mg/l	0.0700	0.0242	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Manganese, Total	10.74		mg/l	0.02000	0.00880	20	03/02/18 10:25	03/05/18 13:34	EPA 3005A	1,6020A	AM
Mercury, Total	0.00035		mg/l	0.00020	0.00006	1	03/02/18 11:15	03/02/18 15:50	EPA 7470A	1,7470A	MG
Nickel, Total	0.1904		mg/l	0.00200	0.00055	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Potassium, Total	93.8		mg/l	0.100	0.0309	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Selenium, Total	0.0137		mg/l	0.00500	0.00173	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Silver, Total	0.00107		mg/l	0.00040	0.00016	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Sodium, Total	198.		mg/l	0.100	0.0293	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Thallium, Total	0.00147		mg/l	0.00050	0.00014	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Vanadium, Total	0.5708		mg/l	0.00500	0.00157	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Zinc, Total	2.126		mg/l	0.01000	0.00341	1	03/02/18 10:25	03/05/18 11:07	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0594		mg/l	0.0100	0.00327	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00200	J	mg/l	0.00400	0.00042	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00767		mg/l	0.00050	0.00016	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1032		mg/l	0.00050	0.00017	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-01
 Client ID: TW-5
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/27/18 14:10
 Date Received: 02/28/18
 Field Prep: Field Filtered
 (Dissolved
 Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Calcium, Dissolved	75.0		mg/l	0.100	0.0394	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00053	J	mg/l	0.00100	0.00017	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00048	J	mg/l	0.00050	0.00016	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.0452	J	mg/l	0.0500	0.0191	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Lead, Dissolved	0.00097	J	mg/l	0.00100	0.00034	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	182.		mg/l	0.0700	0.0242	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.04817		mg/l	0.00100	0.00044	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	03/02/18 13:55	03/02/18 19:43	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00385		mg/l	0.00200	0.00055	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Potassium, Dissolved	49.5		mg/l	0.100	0.0309	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Sodium, Dissolved	181.		mg/l	0.100	0.0293	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	0.04052		mg/l	0.00500	0.00157	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	03/02/18 16:05	03/05/18 11:15	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-02
 Client ID: TW-9
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/27/18 11:35
 Date Received: 02/28/18
 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	0.512		mg/l	0.0100	0.00327	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Antimony, Total	0.00087	J	mg/l	0.00400	0.00042	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00068		mg/l	0.00050	0.00016	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Barium, Total	0.1289		mg/l	0.00050	0.00017	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00015	J	mg/l	0.00020	0.00005	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Calcium, Total	130.		mg/l	0.100	0.0394	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Chromium, Total	0.00146		mg/l	0.00100	0.00017	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00456		mg/l	0.00050	0.00016	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Copper, Total	0.00461		mg/l	0.00100	0.00038	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Iron, Total	1.66		mg/l	0.0500	0.0191	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Lead, Total	0.00811		mg/l	0.00100	0.00034	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Magnesium, Total	26.7		mg/l	0.0700	0.0242	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Manganese, Total	0.3279		mg/l	0.00100	0.00044	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/02/18 11:15	03/02/18 15:52	EPA 7470A	1,7470A	MG
Nickel, Total	0.00568		mg/l	0.00200	0.00055	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Potassium, Total	10.8		mg/l	0.100	0.0309	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Selenium, Total	0.00268	J	mg/l	0.00500	0.00173	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Sodium, Total	97.9		mg/l	0.100	0.0293	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Vanadium, Total	0.00290	J	mg/l	0.00500	0.00157	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM
Zinc, Total	0.01460		mg/l	0.01000	0.00341	1	03/02/18 10:25	03/05/18 11:11	EPA 3005A	1,6020A	AM

Dissolved Metals - Mansfield Lab

Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00055	J	mg/l	0.00400	0.00042	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00036	J	mg/l	0.00050	0.00016	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1189		mg/l	0.00050	0.00017	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-02
 Client ID: TW-9
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/27/18 11:35
 Date Received: 02/28/18
 Field Prep: Field Filtered
 (Dissolved
 Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00015	J	mg/l	0.00020	0.00005	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Calcium, Dissolved	134.		mg/l	0.100	0.0394	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00034	J	mg/l	0.00100	0.00017	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00289		mg/l	0.00050	0.00016	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00186		mg/l	0.00100	0.00038	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.263		mg/l	0.0500	0.0191	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Lead, Dissolved	0.00058	J	mg/l	0.00100	0.00034	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	22.5		mg/l	0.0700	0.0242	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.1979		mg/l	0.00100	0.00044	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	03/02/18 13:55	03/02/18 19:37	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00417		mg/l	0.00200	0.00055	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Potassium, Dissolved	9.90		mg/l	0.100	0.0309	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Selenium, Dissolved	0.00236	J	mg/l	0.00500	0.00173	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Sodium, Dissolved	95.8		mg/l	0.100	0.0293	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00745	J	mg/l	0.01000	0.00341	1	03/02/18 16:05	03/05/18 11:19	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-03
 Client ID: DUP-GW
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 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	0.598		mg/l	0.0100	0.00327	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Antimony, Total	0.00087	J	mg/l	0.00400	0.00042	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Arsenic, Total	0.00058		mg/l	0.00050	0.00016	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Barium, Total	0.1235		mg/l	0.00050	0.00017	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Cadmium, Total	0.00013	J	mg/l	0.00020	0.00005	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Calcium, Total	126.		mg/l	0.100	0.0394	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Chromium, Total	0.00169		mg/l	0.00100	0.00017	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Cobalt, Total	0.00462		mg/l	0.00050	0.00016	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Copper, Total	0.00559		mg/l	0.00100	0.00038	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Iron, Total	3.17		mg/l	0.0500	0.0191	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Lead, Total	0.00301		mg/l	0.00100	0.00034	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Magnesium, Total	26.3		mg/l	0.0700	0.0242	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Manganese, Total	0.3108		mg/l	0.00100	0.00044	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/02/18 11:15	03/02/18 15:57	EPA 7470A	1,7470A	MG
Nickel, Total	0.00609		mg/l	0.00200	0.00055	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Potassium, Total	10.6		mg/l	0.100	0.0309	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Selenium, Total	0.00250	J	mg/l	0.00500	0.00173	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Sodium, Total	97.1		mg/l	0.100	0.0293	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Vanadium, Total	0.00267	J	mg/l	0.00500	0.00157	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM
Zinc, Total	0.01408		mg/l	0.01000	0.00341	1	03/02/18 10:25	03/05/18 11:15	EPA 3005A	1,6020A	AM

Dissolved Metals - Mansfield Lab

Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Antimony, Dissolved	0.00059	J	mg/l	0.00400	0.00042	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	0.00038	J	mg/l	0.00050	0.00016	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.1209		mg/l	0.00050	0.00017	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-03
 Client ID: DUP-GW
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/27/18 11:40
 Date Received: 02/28/18
 Field Prep: Field Filtered
 (Dissolved
 Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00013	J	mg/l	0.00020	0.00005	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Calcium, Dissolved	134.		mg/l	0.100	0.0394	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00036	J	mg/l	0.00100	0.00017	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	0.00353		mg/l	0.00050	0.00016	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Copper, Dissolved	0.00345		mg/l	0.00100	0.00038	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Iron, Dissolved	0.382		mg/l	0.0500	0.0191	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Lead, Dissolved	0.00071	J	mg/l	0.00100	0.00034	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	22.1		mg/l	0.0700	0.0242	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.2470		mg/l	0.00100	0.00044	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	03/02/18 13:55	03/02/18 19:48	EPA 7470A	1,7470A	EA
Nickel, Dissolved	0.00432		mg/l	0.00200	0.00055	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Potassium, Dissolved	10.0		mg/l	0.100	0.0309	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Selenium, Dissolved	0.00236	J	mg/l	0.00500	0.00173	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Sodium, Dissolved	91.3		mg/l	0.100	0.0293	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM
Zinc, Dissolved	0.00793	J	mg/l	0.01000	0.00341	1	03/02/18 16:05	03/05/18 11:23	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-04
 Client ID: FIELD BLANK-GW2
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/27/18 14:24
 Date Received: 02/28/18
 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	ND		mg/l	0.0100	0.00327	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Antimony, Total	0.00083	J	mg/l	0.00400	0.00042	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Barium, Total	0.00097		mg/l	0.00050	0.00017	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Calcium, Total	0.0480	J	mg/l	0.100	0.0394	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Chromium, Total	0.00027	J	mg/l	0.00100	0.00017	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Copper, Total	0.00071	J	mg/l	0.00100	0.00038	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Manganese, Total	0.00083	J	mg/l	0.00100	0.00044	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/02/18 11:15	03/02/18 15:59	EPA 7470A	1,7470A	MG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/02/18 10:25	03/05/18 11:30	EPA 3005A	1,6020A	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Barium, Dissolved	0.00130		mg/l	0.00050	0.00017	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806946-04
 Client ID: FIELD BLANK-GW2
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Water

Date Collected: 02/27/18 14:24
 Date Received: 02/28/18
 Field Prep: Field Filtered
 (Dissolved
 Metals)

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00007	J	mg/l	0.00020	0.00005	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Chromium, Dissolved	0.00019	J	mg/l	0.00100	0.00017	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Manganese, Dissolved	0.00105		mg/l	0.00100	0.00044	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00006	1	03/02/18 13:55	03/02/18 19:49	EPA 7470A	1,7470A	EA
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Thallium, Dissolved	ND		mg/l	0.00050	0.00014	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	03/02/18 16:05	03/05/18 10:54	EPA 3005A	1,6020A	AM



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

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): 01-04 Batch: WG1093862-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Antimony, Total	0.00084	J	mg/l	0.00400	0.00042	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Manganese, Total	0.00078	J	mg/l	0.00100	0.00044	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Sodium, Total	0.0491	J	mg/l	0.100	0.0293	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	03/02/18 10:25	03/05/18 09:55	1,6020A	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1093920-1										
Mercury, Total	ND		mg/l	0.00020	0.00006	1	03/02/18 11:15	03/02/18 15:41	1,7470A	MG



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1093978-1									
Mercury, Dissolved	ND	mg/l	0.00020	0.00006	1	03/02/18 13:55	03/02/18 19:34	1,7470A	EA

Prep Information

Digestion Method: EPA 7470A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1093987-1									
Aluminum, Dissolved	ND	mg/l	0.0100	0.00327	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Antimony, Dissolved	ND	mg/l	0.00400	0.00042	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Arsenic, Dissolved	ND	mg/l	0.00050	0.00016	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Barium, Dissolved	ND	mg/l	0.00050	0.00017	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Beryllium, Dissolved	ND	mg/l	0.00050	0.00010	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Cadmium, Dissolved	ND	mg/l	0.00020	0.00005	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Calcium, Dissolved	ND	mg/l	0.100	0.0394	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Chromium, Dissolved	ND	mg/l	0.00100	0.00017	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Cobalt, Dissolved	ND	mg/l	0.00050	0.00016	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Copper, Dissolved	ND	mg/l	0.00100	0.00038	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Iron, Dissolved	ND	mg/l	0.0500	0.0191	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Lead, Dissolved	ND	mg/l	0.00100	0.00034	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Magnesium, Dissolved	ND	mg/l	0.0700	0.0242	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Manganese, Dissolved	ND	mg/l	0.00100	0.00044	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Nickel, Dissolved	ND	mg/l	0.00200	0.00055	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Potassium, Dissolved	ND	mg/l	0.100	0.0309	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Selenium, Dissolved	ND	mg/l	0.00500	0.00173	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Silver, Dissolved	ND	mg/l	0.00040	0.00016	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Sodium, Dissolved	ND	mg/l	0.100	0.0293	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Thallium, Dissolved	ND	mg/l	0.00050	0.00014	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
Vanadium, Dissolved	ND	mg/l	0.00500	0.00157	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

Method Blank Analysis Batch Quality Control

Zinc, Dissolved	ND	mg/l	0.01000	0.00341	1	03/02/18 16:05	03/05/18 09:59	1,6020A	AM
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Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1093862-2								
Aluminum, Total	114		-		80-120	-		
Antimony, Total	111		-		80-120	-		
Arsenic, Total	108		-		80-120	-		
Barium, Total	105		-		80-120	-		
Beryllium, Total	112		-		80-120	-		
Cadmium, Total	114		-		80-120	-		
Calcium, Total	94		-		80-120	-		
Chromium, Total	111		-		80-120	-		
Cobalt, Total	108		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	117		-		80-120	-		
Lead, Total	109		-		80-120	-		
Magnesium, Total	114		-		80-120	-		
Manganese, Total	113		-		80-120	-		
Nickel, Total	108		-		80-120	-		
Potassium, Total	118		-		80-120	-		
Selenium, Total	112		-		80-120	-		
Silver, Total	109		-		80-120	-		
Sodium, Total	114		-		80-120	-		
Thallium, Total	101		-		80-120	-		
Vanadium, Total	114		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Project Number: 12.0076605.00

Lab Number: L1806946

Report Date: 03/07/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1093862-2					
Zinc, Total	110	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1093920-2					
Mercury, Total	108	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1093978-2					
Mercury, Dissolved	96	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1093987-2					
Aluminum, Dissolved	106	-	80-120	-	
Antimony, Dissolved	107	-	80-120	-	
Arsenic, Dissolved	108	-	80-120	-	
Barium, Dissolved	101	-	80-120	-	
Beryllium, Dissolved	111	-	80-120	-	
Cadmium, Dissolved	113	-	80-120	-	
Calcium, Dissolved	92	-	80-120	-	
Chromium, Dissolved	99	-	80-120	-	
Cobalt, Dissolved	101	-	80-120	-	
Copper, Dissolved	105	-	80-120	-	
Iron, Dissolved	110	-	80-120	-	
Lead, Dissolved	107	-	80-120	-	
Magnesium, Dissolved	107	-	80-120	-	
Manganese, Dissolved	98	-	80-120	-	
Nickel, Dissolved	104	-	80-120	-	
Potassium, Dissolved	105	-	80-120	-	
Selenium, Dissolved	115	-	80-120	-	
Silver, Dissolved	104	-	80-120	-	
Sodium, Dissolved	106	-	80-120	-	
Thallium, Dissolved	91	-	80-120	-	
Vanadium, Dissolved	106	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806946

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1093987-2					
Zinc, Dissolved	117	-	80-120	-	

Matrix Spike Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Qual	MSD Found	MSD %Recovery	MSD Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1093862-14 WG1093862-15 QC Sample: L1806976-02 Client ID: MS Sample												
Aluminum, Total	0.00331J	2	2.24	112		2.52	126	Q	75-125	12		20
Antimony, Total	0.00046J	0.5	0.6120	122		0.6698	134	Q	75-125	9		20
Arsenic, Total	0.00268	0.12	0.1334	109		0.1416	116		75-125	6		20
Barium, Total	0.1054	2	2.182	104		2.316	110		75-125	6		20
Beryllium, Total	ND	0.05	0.05739	115		0.04826	96		75-125	17		20
Cadmium, Total	ND	0.051	0.05674	111		0.06122	120		75-125	8		20
Calcium, Total	51.7	10	59.9	82		63.3	116		75-125	6		20
Chromium, Total	0.00021J	0.2	0.2271	114		0.2548	127	Q	75-125	11		20
Cobalt, Total	ND	0.5	0.5464	109		0.5857	117		75-125	7		20
Copper, Total	0.00078J	0.25	0.2728	109		0.2915	117		75-125	7		20
Iron, Total	0.319	1	1.57	125		1.55	123		75-125	1		20
Lead, Total	ND	0.51	0.5630	110		0.5927	116		75-125	5		20
Magnesium, Total	44.0	10	55.4	114		60.6	166	Q	75-125	9		20
Manganese, Total	0.02390	0.5	0.5929	114		0.6368	122		75-125	7		20
Nickel, Total	ND	0.5	0.5347	107		0.5954	119		75-125	11		20
Potassium, Total	2.73	10	14.2	115		16.0	133	Q	75-125	12		20
Selenium, Total	ND	0.12	0.132	110		0.138	115		75-125	4		20
Silver, Total	ND	0.05	0.05539	111		0.05727	114		75-125	3		20
Sodium, Total	13.9	10	24.9	110		27.3	134	Q	75-125	9		20
Thallium, Total	ND	0.12	0.1220	102		0.1281	107		75-125	5		20
Vanadium, Total	ND	0.5	0.5846	117		0.6369	127	Q	75-125	9		20

Matrix Spike Analysis
Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

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): 01-04 QC Batch ID: WG1093862-14 WG1093862-15 QC Sample: L1806976-02 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5530	111	0.5821	116	75-125	5	20

Matrix Spike Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

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): 01-04 QC Batch ID: WG1093862-18 WG1093862-19 QC Sample: L1806985-01 Client ID: MS Sample											
Aluminum, Total	1.56	2	4.09	126	Q	4.32	138	Q	75-125	5	20
Antimony, Total	0.00095J	0.5	0.6466	129	Q	0.6900	138	Q	75-125	6	20
Arsenic, Total	0.00197	0.12	0.1290	106		0.1392	114		75-125	8	20
Barium, Total	0.04516	2	2.147	105		2.290	112		75-125	6	20
Beryllium, Total	ND	0.05	0.05797	116		0.05978	120		75-125	3	20
Cadmium, Total	0.00006J	0.051	0.05657	111		0.06146	120		75-125	8	20
Calcium, Total	102.	10	106	40	Q	117	150	Q	75-125	10	20
Chromium, Total	0.00305	0.2	0.2394	118		0.2443	121		75-125	2	20
Cobalt, Total	0.00218	0.5	0.5611	112		0.5843	116		75-125	4	20
Copper, Total	0.00483	0.25	0.2818	111		0.2890	114		75-125	3	20
Iron, Total	3.04	1	4.18	114		4.52	148	Q	75-125	8	20
Lead, Total	0.00462	0.51	0.5677	110		0.5985	116		75-125	5	20
Magnesium, Total	33.6	10	45.1	115		48.8	152	Q	75-125	8	20
Manganese, Total	0.2622	0.5	0.8587	119		0.9266	133	Q	75-125	8	20
Nickel, Total	0.00642	0.5	0.5596	111		0.5933	117		75-125	6	20
Potassium, Total	1.68	10	13.8	121		14.8	131	Q	75-125	7	20
Selenium, Total	ND	0.12	0.130	108		0.147	122		75-125	12	20
Silver, Total	ND	0.05	0.05423	108		0.05719	114		75-125	5	20
Sodium, Total	41.5	10	52.1	106		56.6	151	Q	75-125	8	20
Thallium, Total	ND	0.12	0.1244	104		0.1297	108		75-125	4	20
Vanadium, Total	0.00337J	0.5	0.6044	121		0.6300	126	Q	75-125	4	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

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): 01-04 QC Batch ID: WG1093862-18 WG1093862-19 QC Sample: L1806985-01 Client ID: MS Sample									
Zinc, Total	0.01644	0.5	0.5749	112	0.6008	117	75-125	4	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1093920-3 WG1093920-4 QC Sample: L1806976-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00454	91	0.00516	103	75-125	13	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1093978-3 QC Sample: L1806946-02 Client ID: TW-9									
Mercury, Dissolved	ND	0.005	0.00450	90	-	-	75-125	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

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): 01-04 QC Batch ID: WG1093987-3 QC Sample: L1806946-01 Client ID: TW-5									
Aluminum, Dissolved	0.0594	2	2.19	106	-	-	75-125	-	20
Antimony, Dissolved	0.00200J	0.5	0.5599	112	-	-	75-125	-	20
Arsenic, Dissolved	0.00767	0.12	0.1359	107	-	-	75-125	-	20
Barium, Dissolved	0.1032	2	2.092	99	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05552	111	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05616	110	-	-	75-125	-	20
Calcium, Dissolved	75.0	10	77.8	28	Q	-	75-125	-	20
Chromium, Dissolved	0.00053J	0.2	0.1949	97	-	-	75-125	-	20
Cobalt, Dissolved	0.00048J	0.5	0.4979	100	-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.2554	102	-	-	75-125	-	20
Iron, Dissolved	0.0452J	1	1.10	110	-	-	75-125	-	20
Lead, Dissolved	0.00097J	0.51	0.5170	101	-	-	75-125	-	20
Magnesium, Dissolved	182.	10	198	160	Q	-	75-125	-	20
Manganese, Dissolved	0.04817	0.5	0.5326	97	-	-	75-125	-	20
Nickel, Dissolved	0.00385	0.5	0.5149	102	-	-	75-125	-	20
Potassium, Dissolved	49.5	10	58.8	93	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.137	114	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.05088	102	-	-	75-125	-	20
Sodium, Dissolved	181.	10	175	0	Q	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1090	91	-	-	75-125	-	20
Vanadium, Dissolved	0.04052	0.5	0.5696	106	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

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): 01-04 QC Batch ID: WG1093987-3 QC Sample: L1806946-01 Client ID: TW-5									
Zinc, Dissolved	ND	0.5	0.5626	112	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1093978-4 QC Sample: L1806946-02 Client ID: TW-9						
Mercury, Dissolved	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1093987-4 QC Sample: L1806946-01 Client ID: TW-5					
Aluminum, Dissolved	0.0594	0.0649	mg/l	9	20
Antimony, Dissolved	0.00200J	0.00234J	mg/l	NC	20
Arsenic, Dissolved	0.00767	0.00805	mg/l	5	20
Barium, Dissolved	0.1032	0.1076	mg/l	4	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	75.0	78.4	mg/l	4	20
Chromium, Dissolved	0.00053J	0.00053J	mg/l	NC	20
Cobalt, Dissolved	0.00048J	0.00048J	mg/l	NC	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Iron, Dissolved	0.0452J	0.0609	mg/l	NC	20
Lead, Dissolved	0.00097J	0.00103	mg/l	NC	20
Magnesium, Dissolved	182.	188	mg/l	3	20
Manganese, Dissolved	0.04817	0.05162	mg/l	7	20
Nickel, Dissolved	0.00385	0.00411	mg/l	6	20
Potassium, Dissolved	49.5	50.9	mg/l	3	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	181.	186	mg/l	3	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1093987-4 QC Sample: L1806946-01 Client ID: TW-5					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	0.04052	0.04363	mg/l	7	20
Zinc, Dissolved	ND	ND	mg/l	NC	20

Project Name: BRONX PHASE II**Lab Number:** L1806946**Project Number:** 12.0076605.00**Report Date:** 03/07/18**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(*)
L1806946-01A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L1806946-01B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L1806946-01C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L1806946-01E	Amber 500ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8081(7)
L1806946-01F	Amber 500ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8081(7)
L1806946-01G	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806946-01H	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806946-01I	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806946-01J	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806946-01S	Plastic 250ml HNO3 preserved	A	NA		2.3	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L1806946-01T	Plastic 250ml HNO3 preserved	A	7	<2	2.3	N	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)
L1806946-02A	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260(14)
L1806946-02B	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260(14)
L1806946-02C	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260(14)

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Serial_No:03071816:31
Lab Number: L1806946
Report Date: 03/07/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806946-02E	Amber 500ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8081(7)
L1806946-02F	Amber 500ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8081(7)
L1806946-02G	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8082-1200ML(7)
L1806946-02H	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8082-1200ML(7)
L1806946-02I	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806946-02J	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806946-02S	Plastic 250ml HNO3 preserved	B	NA		2.8	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)
L1806946-02T	Plastic 250ml HNO3 preserved	B	<2	<2	2.8	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)
L1806946-03A	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260(14)
L1806946-03B	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260(14)
L1806946-03C	Vial HCl preserved	B	NA		2.8	Y	Absent		NYTCL-8260(14)
L1806946-03E	Amber 500ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8081(7)
L1806946-03F	Amber 500ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8081(7)
L1806946-03G	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8082-1200ML(7)
L1806946-03H	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8082-1200ML(7)
L1806946-03I	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806946-03J	Amber 1000ml unpreserved	B	7	7	2.8	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Serial_No:03071816:31
Lab Number: L1806946
Report Date: 03/07/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806946-03S	Plastic 250ml HNO3 preserved	B	NA		2.8	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)
L1806946-03T	Plastic 250ml HNO3 preserved	B	<2	<2	2.8	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)
L1806946-04A	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L1806946-04B	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L1806946-04C	Vial HCl preserved	A	NA		2.3	Y	Absent		NYTCL-8260(14)
L1806946-04E	Amber 500ml unpreserved	A	NA		2.3	Y	Absent		NYTCL-8081(7)
L1806946-04F	Amber 500ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8081(7)
L1806946-04G	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806946-04H	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8082-1200ML(7)
L1806946-04I	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806946-04J	Amber 1000ml unpreserved	A	7	7	2.3	Y	Absent		NYTCL-8270(7),NYTCL-8270-SIM(7)
L1806946-04S	Plastic 250ml HNO3 preserved	A	NA		2.3	Y	Absent		CU-6020S(180),K-6020S(180),SE-6020S(180),V-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),TL-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

Project Name: BRONX PHASE II
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806946-04T	Plastic 250ml HNO3 preserved	A	<2	<2	2.3	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806946
Report Date: 03/07/18

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: BRONX PHASE II
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Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: BRONX PHASE II
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Lab Number: L1806946
Report Date: 03/07/18

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: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

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

Mansfield Facility

SM 2540D: TSS

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: Chloride, 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: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, 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, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522.

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 JERSEY CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193	NEW JERSEY 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 1 of 1	Date Rec'd in Lab 2/28/18	ALPHA Job # L1806946							
		Project Information Project Name: <u>Bronx Phase II</u> Project Location: <u>180 E 132nd St, Bronx, NY</u> Project # <u>12.0076605.00</u>		Deliverables <input checked="" type="checkbox"/> NJ Full / Reduced <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>GZA Geo Environmental</u> Address: <u>55 Lane Road</u> <u>Fairfield NJ 07004</u> Phone: <u>(973) 754-3300</u> Fax: Email: <u>Sandra.huber@gza.com</u>		(Use Project name as Project #) <input type="checkbox"/> Project Manager: <u>Sandra Huber</u> ALPHAQuote #: Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:		Regulatory Requirement <input type="checkbox"/> 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 checked="" type="checkbox"/> Other <u>NY</u>		Site Information Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product:						
These samples have been previously analyzed by Alpha <input type="checkbox"/>		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.		ANALYSIS PCB NY TCL-8270 Pesticides Total Hg metals Dissolved metals Dissolved Hg NY TCL-8260		Sample Filtration <input checked="" type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)		Total Bottles
ALPHA Lab ID (Lab Use Only)		Sample ID		Collection Date Time		Sample Matrix		Sampler's Initials		Sample Specific Comments		
06946 - 01		TW-5		2/27/18 1410		GW		CM		X X X X X X		11
02		TW-9		2/27/18 1135		GW		CM		X X X X X X		11
03		DUP-GW		2/27/18 1140		GW		CM		X X X X X X		11
04		Field Blank-GW 2		2/27/18 1424		LD		LD		X X X X X X		11
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 A A A P P V		Preservative A A A C C B		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)		
Relinquished By: <u>[Signature]</u>		Date/Time: <u>2/28/18 11:50</u>		Received By: <u>[Signature]</u>		Date/Time: <u>2/28/18 11:50</u>		<u>[Signature]</u>		<u>[Signature]</u>		
Form No: 01-14 HC (rev. 30-Sept-2013)		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		<u>[Signature]</u>		



ANALYTICAL REPORT

Lab Number:	L1822065
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Sandra Huber
Phone:	(973) 774-3300
Project Name:	CARNEGIE MANAGEMENT PHASE II
Project Number:	12.0076605.10
Report Date:	06/20/18

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), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

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



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1822065-01	SB-11 (0-1)	SOIL	180 E. 132ND ST., BRONX, NY	06/12/18 09:01	06/13/18
L1822065-02	SB-11 (5-5.5)	SOIL	180 E. 132ND ST., BRONX, NY	06/12/18 09:05	06/13/18
L1822065-03	SB-12 (0-1)	SOIL	180 E. 132ND ST., BRONX, NY	06/12/18 09:33	06/13/18
L1822065-04	SB-13 (1-2)	SOIL	180 E. 132ND ST., BRONX, NY	06/12/18 09:55	06/13/18
L1822065-05	SB-13 (3-4)	SOIL	180 E. 132ND ST., BRONX, NY	06/12/18 10:00	06/13/18
L1822065-06	SB-13 (5-6)	SOIL	180 E. 132ND ST., BRONX, NY	06/12/18 10:10	06/13/18
L1822065-07	SB-13 (7-8)	SOIL	180 E. 132ND ST., BRONX, NY	06/12/18 10:15	06/13/18
L1822065-08	SB-13 (9-10)	SOIL	180 E. 132ND ST., BRONX, NY	06/12/18 10:20	06/13/18
L1822065-09	SB-14 (0-1)	SOIL	180 E. 132ND ST., BRONX, NY	06/12/18 10:35	06/13/18
L1822065-10	SB-14 (9-10)	SOIL	180 E. 132ND ST., BRONX, NY	06/12/18 10:45	06/13/18
L1822065-11	SB-15 (0-1)	SOIL	180 E. 132ND ST., BRONX, NY	06/12/18 11:30	06/13/18
L1822065-12	FIELD BLANK	WATER	180 E. 132ND ST., BRONX, NY	06/12/18 12:00	06/13/18

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

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: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

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

L1822065-03: The sample has elevated detection limits due to the dilution required by the sample matrix.

Total Metals

L1822065-01 through -11: 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.

The WG1127270-3 MS recovery, performed on L1822065-01, is outside the acceptance criteria for mercury (140%). A post digestion spike was performed and was within acceptance criteria.

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:

 Melissa Cripps

Title: Technical Director/Representative

Date: 06/20/18

ORGANICS

SEMIVOLATILES

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-01
Client ID: SB-11 (0-1)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 09:01
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/18/18 18:11
Analyst: CB
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/15/18 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	44	J	ug/kg	140	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	1000		ug/kg	110	21.	1
Naphthalene	61	J	ug/kg	180	22.	1
Benzo(a)anthracene	630		ug/kg	110	20.	1
Benzo(a)pyrene	560		ug/kg	140	44.	1
Benzo(b)fluoranthene	750		ug/kg	110	30.	1
Benzo(k)fluoranthene	250		ug/kg	110	29.	1
Chrysene	620		ug/kg	110	19.	1
Acenaphthylene	93	J	ug/kg	140	28.	1
Anthracene	140		ug/kg	110	35.	1
Benzo(ghi)perylene	330		ug/kg	140	21.	1
Fluorene	33	J	ug/kg	180	17.	1
Phenanthrene	310		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	100	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	360		ug/kg	140	25.	1
Pyrene	1100		ug/kg	110	18.	1
2-Methylnaphthalene	29	J	ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	70		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-02
 Client ID: SB-11 (5-5.5)
 Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 09:05
 Date Received: 06/13/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/18/18 17:44
 Analyst: CB
 Percent Solids: 96%

Extraction Method: EPA 3546
 Extraction Date: 06/15/18 16:34

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	32	J	ug/kg	140	18.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
Fluoranthene	430		ug/kg	100	20.	1
Naphthalene	29	J	ug/kg	170	21.	1
Benzo(a)anthracene	210		ug/kg	100	20.	1
Benzo(a)pyrene	180		ug/kg	140	42.	1
Benzo(b)fluoranthene	260		ug/kg	100	29.	1
Benzo(k)fluoranthene	83	J	ug/kg	100	28.	1
Chrysene	210		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	47	J	ug/kg	100	34.	1
Benzo(ghi)perylene	120	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	34	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	130	J	ug/kg	140	24.	1
Pyrene	370		ug/kg	100	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	89		30-120
4-Terphenyl-d14	86		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-03 D
 Client ID: SB-12 (0-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 09:33
 Date Received: 06/13/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/18/18 17:30
 Analyst: CB
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/15/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	710	92.	5
2-Chloronaphthalene	ND		ug/kg	890	88.	5
Fluoranthene	1700		ug/kg	530	100	5
Naphthalene	ND		ug/kg	890	110	5
Benzo(a)anthracene	970		ug/kg	530	100	5
Benzo(a)pyrene	830		ug/kg	710	220	5
Benzo(b)fluoranthene	1100		ug/kg	530	150	5
Benzo(k)fluoranthene	400	J	ug/kg	530	140	5
Chrysene	860		ug/kg	530	92.	5
Acenaphthylene	ND		ug/kg	710	140	5
Anthracene	260	J	ug/kg	530	170	5
Benzo(ghi)perylene	510	J	ug/kg	710	100	5
Fluorene	ND		ug/kg	890	86.	5
Phenanthrene	680		ug/kg	530	110	5
Dibenzo(a,h)anthracene	130	J	ug/kg	530	100	5
Indeno(1,2,3-cd)pyrene	560	J	ug/kg	710	120	5
Pyrene	1600		ug/kg	530	88.	5
2-Methylnaphthalene	ND		ug/kg	1100	110	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	54		30-120
4-Terphenyl-d14	60		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-04
 Client ID: SB-13 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 09:55
 Date Received: 06/13/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/18/18 15:46
 Analyst: CB
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/15/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	44	J	ug/kg	140	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	630		ug/kg	110	21.	1
Naphthalene	45	J	ug/kg	180	22.	1
Benzo(a)anthracene	350		ug/kg	110	20.	1
Benzo(a)pyrene	340		ug/kg	140	44.	1
Benzo(b)fluoranthene	430		ug/kg	110	30.	1
Benzo(k)fluoranthene	160		ug/kg	110	29.	1
Chrysene	340		ug/kg	110	19.	1
Acenaphthylene	53	J	ug/kg	140	28.	1
Anthracene	120		ug/kg	110	35.	1
Benzo(ghi)perylene	230		ug/kg	140	21.	1
Fluorene	55	J	ug/kg	180	18.	1
Phenanthrene	380		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	57	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	230		ug/kg	140	25.	1
Pyrene	570		ug/kg	110	18.	1
2-Methylnaphthalene	33	J	ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	81		30-120
4-Terphenyl-d14	86		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-05
 Client ID: SB-13 (3-4)
 Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:00
 Date Received: 06/13/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/18/18 16:12
 Analyst: CB
 Percent Solids: 76%

Extraction Method: EPA 3546
 Extraction Date: 06/15/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	110	J	ug/kg	170	22.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
Fluoranthene	2300		ug/kg	130	25.	1
Naphthalene	70	J	ug/kg	210	26.	1
Benzo(a)anthracene	1200		ug/kg	130	24.	1
Benzo(a)pyrene	1200		ug/kg	170	52.	1
Benzo(b)fluoranthene	1500		ug/kg	130	36.	1
Benzo(k)fluoranthene	530		ug/kg	130	34.	1
Chrysene	1200		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	300		ug/kg	130	42.	1
Benzo(ghi)perylene	780		ug/kg	170	25.	1
Fluorene	93	J	ug/kg	210	21.	1
Phenanthrene	1100		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	190		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	810		ug/kg	170	30.	1
Pyrene	2000		ug/kg	130	21.	1
2-Methylnaphthalene	31	J	ug/kg	260	26.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	87		30-120
4-Terphenyl-d14	90		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-06
 Client ID: SB-13 (5-6)
 Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:10
 Date Received: 06/13/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/18/18 16:38
 Analyst: CB
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/15/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	54	J	ug/kg	140	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	970		ug/kg	110	21.	1
Naphthalene	69	J	ug/kg	180	22.	1
Benzo(a)anthracene	490		ug/kg	110	20.	1
Benzo(a)pyrene	480		ug/kg	140	44.	1
Benzo(b)fluoranthene	630		ug/kg	110	30.	1
Benzo(k)fluoranthene	220		ug/kg	110	29.	1
Chrysene	520		ug/kg	110	19.	1
Acenaphthylene	43	J	ug/kg	140	28.	1
Anthracene	150		ug/kg	110	35.	1
Benzo(ghi)perylene	340		ug/kg	140	21.	1
Fluorene	51	J	ug/kg	180	18.	1
Phenanthrene	550		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	82	J	ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	340		ug/kg	140	25.	1
Pyrene	860		ug/kg	110	18.	1
2-Methylnaphthalene	43	J	ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	71		30-120
4-Terphenyl-d14	69		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-07
Client ID: SB-13 (7-8)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:15
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:

Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/18/18 11:04
Analyst: CB
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/15/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	ND		ug/kg	110	21.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	72		30-120
4-Terphenyl-d14	74		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-08
 Client ID: SB-13 (9-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:20
 Date Received: 06/13/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/18/18 11:29
 Analyst: CB
 Percent Solids: 90%

Extraction Method: EPA 3546
 Extraction Date: 06/15/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	ND		ug/kg	110	21.	1
Naphthalene	ND		ug/kg	180	22.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	79		30-120
4-Terphenyl-d14	83		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-09
 Client ID: SB-14 (0-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:35
 Date Received: 06/13/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/18/18 15:21
 Analyst: CB
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 06/15/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	220		ug/kg	110	21.	1
Naphthalene	29	J	ug/kg	180	22.	1
Benzo(a)anthracene	98	J	ug/kg	110	21.	1
Benzo(a)pyrene	94	J	ug/kg	150	45.	1
Benzo(b)fluoranthene	120		ug/kg	110	31.	1
Benzo(k)fluoranthene	44	J	ug/kg	110	29.	1
Chrysene	110		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	56	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	200		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	61	J	ug/kg	150	26.	1
Pyrene	200		ug/kg	110	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	80		30-120
4-Terphenyl-d14	83		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-10
 Client ID: SB-14 (9-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:45
 Date Received: 06/13/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/18/18 11:55
 Analyst: CB
 Percent Solids: 93%

Extraction Method: EPA 3546
 Extraction Date: 06/15/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
Fluoranthene	ND		ug/kg	100	20.	1
Naphthalene	ND		ug/kg	170	21.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	78		30-120
4-Terphenyl-d14	82		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-11
 Client ID: SB-15 (0-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 11:30
 Date Received: 06/13/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 06/18/18 17:04
 Analyst: CB
 Percent Solids: 91%

Extraction Method: EPA 3546
 Extraction Date: 06/15/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	350		ug/kg	140	19.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
Fluoranthene	1900		ug/kg	110	21.	1
Naphthalene	66	J	ug/kg	180	22.	1
Benzo(a)anthracene	720		ug/kg	110	20.	1
Benzo(a)pyrene	640		ug/kg	140	44.	1
Benzo(b)fluoranthene	810		ug/kg	110	30.	1
Benzo(k)fluoranthene	310		ug/kg	110	29.	1
Chrysene	680		ug/kg	110	19.	1
Acenaphthylene	96	J	ug/kg	140	28.	1
Anthracene	500		ug/kg	110	35.	1
Benzo(ghi)perylene	420		ug/kg	140	21.	1
Fluorene	430		ug/kg	180	17.	1
Phenanthrene	1400		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	110		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	420		ug/kg	140	25.	1
Pyrene	1800		ug/kg	110	18.	1
2-Methylnaphthalene	80	J	ug/kg	220	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	75		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-12
Client ID: FIELD BLANK
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 12:00
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/20/18 10:15
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/19/18 00:29

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
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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	64		15-120
4-Terphenyl-d14	89		41-149

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/17/18 14:31
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 06/15/18 16:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1126522-1					
Acenaphthene	ND		ug/kg	130	17.
2-Chloronaphthalene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	99	19.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	99	18.
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	25.
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.
2-Methylnaphthalene	ND		ug/kg	200	20.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**Method Blank Analysis
Batch Quality Control**Analytical Method: 1,8270D
Analytical Date: 06/17/18 14:31
Analyst: SZExtraction Method: EPA 3546
Extraction Date: 06/15/18 16:34

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1126522-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	80		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/16/18 23:35
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 06/15/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-11 Batch: WG1126567-1					
Acenaphthene	ND		ug/kg	130	17.
2-Chloronaphthalene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	99	19.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)anthracene	ND		ug/kg	99	18.
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	25.
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.
2-Methylnaphthalene	ND		ug/kg	200	20.

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/kg

Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**Method Blank Analysis
Batch Quality Control**Analytical Method: 1,8270D
Analytical Date: 06/16/18 23:35
Analyst: PSExtraction Method: EPA 3546
Extraction Date: 06/15/18 18:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-11 Batch: WG1126567-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	78		18-120

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/19/18 14:09
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/19/18 00:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 12 Batch: WG1127251-1					
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
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	84		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II

Lab Number: L1822065

Project Number: 12.0076605.10

Report Date: 06/20/18

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 Batch: WG1126522-2 WG1126522-3								
Acenaphthene	73		78		31-137	7		50
2-Chloronaphthalene	72		77		40-140	7		50
Fluoranthene	76		81		40-140	6		50
Naphthalene	70		76		40-140	8		50
Benzo(a)anthracene	72		78		40-140	8		50
Benzo(a)pyrene	75		79		40-140	5		50
Benzo(b)fluoranthene	70		75		40-140	7		50
Benzo(k)fluoranthene	74		78		40-140	5		50
Chrysene	72		77		40-140	7		50
Acenaphthylene	77		82		40-140	6		50
Anthracene	75		80		40-140	6		50
Benzo(ghi)perylene	74		80		40-140	8		50
Fluorene	76		82		40-140	8		50
Phenanthrene	74		79		40-140	7		50
Dibenzo(a,h)anthracene	74		78		40-140	5		50
Indeno(1,2,3-cd)pyrene	80		82		40-140	2		50
Pyrene	74		80		35-142	8		50
2-Methylnaphthalene	75		78		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II

Lab Number: L1822065

Project Number: 12.0076605.10

Report Date: 06/20/18

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): 01-02 Batch: WG1126522-2 WG1126522-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	72		78		25-120
Phenol-d6	77		81		10-120
Nitrobenzene-d5	78		84		23-120
2-Fluorobiphenyl	73		77		30-120
2,4,6-Tribromophenol	72		79		10-136
4-Terphenyl-d14	77		79		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-11 Batch: WG1126567-2 WG1126567-3								
Acenaphthene	67		75		31-137	11		50
2-Chloronaphthalene	68		75		40-140	10		50
Fluoranthene	70		76		40-140	8		50
Naphthalene	66		71		40-140	7		50
Benzo(a)anthracene	66		73		40-140	10		50
Benzo(a)pyrene	67		73		40-140	9		50
Benzo(b)fluoranthene	66		73		40-140	10		50
Benzo(k)fluoranthene	65		70		40-140	7		50
Chrysene	64		71		40-140	10		50
Acenaphthylene	73		78		40-140	7		50
Anthracene	68		75		40-140	10		50
Benzo(ghi)perylene	66		73		40-140	10		50
Fluorene	69		76		40-140	10		50
Phenanthrene	66		71		40-140	7		50
Dibenzo(a,h)anthracene	66		72		40-140	9		50
Indeno(1,2,3-cd)pyrene	70		78		40-140	11		50
Pyrene	69		76		35-142	10		50
2-Methylnaphthalene	68		75		40-140	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

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): 03-11 Batch: WG1126567-2 WG1126567-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	71		76		25-120
Phenol-d6	74		80		10-120
Nitrobenzene-d5	77		81		23-120
2-Fluorobiphenyl	72		78		30-120
2,4,6-Tribromophenol	70		77		10-136
4-Terphenyl-d14	72		78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II

Lab Number: L1822065

Project Number: 12.0076605.10

Report Date: 06/20/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 12 Batch: WG1127251-2 WG1127251-3								
Acenaphthene	88		70		40-140	23		40
2-Chloronaphthalene	71		57		40-140	22		40
Fluoranthene	92		75		40-140	20		40
Naphthalene	69		56		40-140	21		40
Benzo(a)anthracene	82		67		40-140	20		40
Benzo(a)pyrene	85		70		40-140	19		40
Benzo(b)fluoranthene	92		71		40-140	26		40
Benzo(k)fluoranthene	90		76		40-140	17		40
Chrysene	86		72		40-140	18		40
Acenaphthylene	84		67		40-140	23		40
Anthracene	88		71		40-140	21		40
Benzo(ghi)perylene	66		55		40-140	18		40
Fluorene	93		75		40-140	21		40
Phenanthrene	84		67		40-140	23		40
Dibenzo(a,h)anthracene	76		64		40-140	17		40
Indeno(1,2,3-cd)pyrene	72		58		40-140	22		40
Pyrene	88		73		40-140	19		40
2-Methylnaphthalene	73		59		40-140	21		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II

Lab Number: L1822065

Project Number: 12.0076605.10

Report Date: 06/20/18

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): 12 Batch: WG1127251-2 WG1127251-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	53		43		21-120
Phenol-d6	43		33		10-120
Nitrobenzene-d5	85		67		23-120
2-Fluorobiphenyl	80		63		15-120
2,4,6-Tribromophenol	109		94		10-120
4-Terphenyl-d14	97		81		41-149

METALS

Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-01

Date Collected: 06/12/18 09:01

Client ID: SB-11 (0-1)

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	698		mg/kg	0.845	0.228	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	0.423	0.032	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Arsenic, Total	0.292		mg/kg	0.085	0.018	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Barium, Total	8.16		mg/kg	0.085	0.015	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Beryllium, Total	0.017	J	mg/kg	0.042	0.003	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.085	0.008	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Calcium, Total	3160		mg/kg	0.845	0.296	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Chromium, Total	1.91		mg/kg	0.085	0.008	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Cobalt, Total	0.678		mg/kg	0.169	0.014	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Copper, Total	3.17		mg/kg	0.085	0.022	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Iron, Total	1200		mg/kg	0.423	0.076	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Lead, Total	4.94		mg/kg	0.423	0.023	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Magnesium, Total	1320		mg/kg	0.845	0.130	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Manganese, Total	19.2		mg/kg	0.085	0.013	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Mercury, Total	0.126		mg/kg	0.070	0.015	1	06/19/18 07:00	06/19/18 20:53	EPA 7471B	1,7471B	EA
Nickel, Total	1.29		mg/kg	0.211	0.020	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Potassium, Total	221		mg/kg	21.1	1.22	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	0.169	0.022	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.085	0.024	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Sodium, Total	25.3		mg/kg	16.9	0.266	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	0.169	0.027	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Vanadium, Total	2.69		mg/kg	0.085	0.017	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC
Zinc, Total	10.9		mg/kg	0.423	0.025	.2	06/18/18 14:15	06/19/18 20:37	EPA 3050B	1,6010C	MC



Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-02

Date Collected: 06/12/18 09:05

Client ID: SB-11 (5-5.5)

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6280		mg/kg	8.10	2.19	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.05	0.308	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Arsenic, Total	1.94		mg/kg	0.810	0.168	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Barium, Total	97.1		mg/kg	0.810	0.141	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Beryllium, Total	ND		mg/kg	0.405	0.027	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Cadmium, Total	0.292	J	mg/kg	0.810	0.079	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Calcium, Total	36600		mg/kg	8.10	2.83	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Chromium, Total	20.7		mg/kg	0.810	0.078	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Cobalt, Total	7.03		mg/kg	1.62	0.134	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Copper, Total	93.2		mg/kg	0.810	0.209	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Iron, Total	13600		mg/kg	4.05	0.731	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Lead, Total	67.1		mg/kg	4.05	0.217	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Magnesium, Total	22200		mg/kg	8.10	1.25	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Manganese, Total	149		mg/kg	0.810	0.129	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Mercury, Total	1.02		mg/kg	0.067	0.014	1	06/19/18 07:00	06/19/18 21:07	EPA 7471B	1,7471B	EA
Nickel, Total	11.2		mg/kg	2.02	0.196	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Potassium, Total	3770		mg/kg	202	11.7	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.62	0.209	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.810	0.229	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Sodium, Total	136	J	mg/kg	162	2.55	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.62	0.255	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Vanadium, Total	31.4		mg/kg	0.810	0.164	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC
Zinc, Total	277		mg/kg	4.05	0.237	2	06/18/18 14:15	06/19/18 20:41	EPA 3050B	1,6010C	MC



Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-03

Date Collected: 06/12/18 09:33

Client ID: SB-12 (0-1)

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6050		mg/kg	8.14	2.20	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.07	0.309	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Arsenic, Total	2.69		mg/kg	0.814	0.169	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Barium, Total	81.0		mg/kg	0.814	0.142	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Beryllium, Total	0.122	J	mg/kg	0.407	0.027	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.814	0.080	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Calcium, Total	16200		mg/kg	8.14	2.85	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Chromium, Total	15.0		mg/kg	0.814	0.078	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Cobalt, Total	5.70		mg/kg	1.63	0.135	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Copper, Total	19.4		mg/kg	0.814	0.210	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Iron, Total	10400		mg/kg	4.07	0.735	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Lead, Total	26.7		mg/kg	4.07	0.218	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Magnesium, Total	4890		mg/kg	8.14	1.25	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Manganese, Total	300		mg/kg	0.814	0.129	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Mercury, Total	0.156		mg/kg	0.068	0.014	1	06/19/18 07:00	06/19/18 21:09	EPA 7471B	1,7471B	EA
Nickel, Total	8.47		mg/kg	2.03	0.197	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Potassium, Total	2190		mg/kg	203	11.7	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.63	0.210	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.814	0.230	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Sodium, Total	248		mg/kg	163	2.56	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.63	0.256	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Vanadium, Total	22.9		mg/kg	0.814	0.165	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC
Zinc, Total	44.4		mg/kg	4.07	0.238	2	06/18/18 14:15	06/19/18 20:45	EPA 3050B	1,6010C	MC



Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-04

Date Collected: 06/12/18 09:55

Client ID: SB-13 (1-2)

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6800		mg/kg	8.25	2.23	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.13	0.314	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Arsenic, Total	4.37		mg/kg	0.825	0.172	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Barium, Total	81.4		mg/kg	0.825	0.144	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Beryllium, Total	0.173	J	mg/kg	0.413	0.027	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.825	0.081	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Calcium, Total	35100		mg/kg	8.25	2.89	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Chromium, Total	19.6		mg/kg	0.825	0.079	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Cobalt, Total	6.72		mg/kg	1.65	0.137	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Copper, Total	28.9		mg/kg	0.825	0.213	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Iron, Total	12400		mg/kg	4.13	0.745	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Lead, Total	142		mg/kg	4.13	0.221	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Magnesium, Total	9650		mg/kg	8.25	1.27	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Manganese, Total	220		mg/kg	0.825	0.131	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Mercury, Total	0.795		mg/kg	0.069	0.015	1	06/19/18 07:00	06/19/18 21:11	EPA 7471B	1,7471B	EA
Nickel, Total	12.6		mg/kg	2.06	0.200	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Potassium, Total	2250		mg/kg	206	11.9	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.65	0.213	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.825	0.234	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Sodium, Total	347		mg/kg	165	2.60	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.65	0.260	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Vanadium, Total	26.7		mg/kg	0.825	0.168	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC
Zinc, Total	112		mg/kg	4.13	0.242	2	06/18/18 14:15	06/19/18 20:50	EPA 3050B	1,6010C	MC



Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-05

Date Collected: 06/12/18 10:00

Client ID: SB-13 (3-4)

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 76%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7870		mg/kg	9.99	2.70	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.99	0.380	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Arsenic, Total	3.43		mg/kg	0.999	0.208	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Barium, Total	144		mg/kg	0.999	0.174	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Beryllium, Total	0.150	J	mg/kg	0.499	0.033	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.999	0.098	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Calcium, Total	31100		mg/kg	9.99	3.50	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Chromium, Total	18.4		mg/kg	0.999	0.096	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Cobalt, Total	9.35		mg/kg	2.00	0.166	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Copper, Total	50.4		mg/kg	0.999	0.258	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Iron, Total	15600		mg/kg	4.99	0.902	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Lead, Total	164		mg/kg	4.99	0.268	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Magnesium, Total	9620		mg/kg	9.99	1.54	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Manganese, Total	188		mg/kg	0.999	0.159	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Mercury, Total	0.208		mg/kg	0.083	0.018	1	06/19/18 07:00	06/19/18 21:13	EPA 7471B	1,7471B	EA
Nickel, Total	17.1		mg/kg	2.50	0.242	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Potassium, Total	3850		mg/kg	250	14.4	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	2.00	0.258	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.999	0.283	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Sodium, Total	275		mg/kg	200	3.15	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	2.00	0.315	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Vanadium, Total	32.5		mg/kg	0.999	0.203	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC
Zinc, Total	213		mg/kg	4.99	0.293	2	06/18/18 14:15	06/19/18 20:54	EPA 3050B	1,6010C	MC



Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-06

Date Collected: 06/12/18 10:10

Client ID: SB-13 (5-6)

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8330		mg/kg	8.53	2.30	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.26	0.324	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Arsenic, Total	3.13		mg/kg	0.853	0.177	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Barium, Total	57.0		mg/kg	0.853	0.148	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Beryllium, Total	0.239	J	mg/kg	0.426	0.028	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.853	0.084	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Calcium, Total	7920		mg/kg	8.53	2.98	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Chromium, Total	20.1		mg/kg	0.853	0.082	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Cobalt, Total	7.55		mg/kg	1.70	0.142	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Copper, Total	35.4		mg/kg	0.853	0.220	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Iron, Total	16500		mg/kg	4.26	0.770	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Lead, Total	56.1		mg/kg	4.26	0.228	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Magnesium, Total	4320		mg/kg	8.53	1.31	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Manganese, Total	201		mg/kg	0.853	0.136	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Mercury, Total	0.603		mg/kg	0.070	0.015	1	06/19/18 07:00	06/19/18 21:15	EPA 7471B	1,7471B	EA
Nickel, Total	13.6		mg/kg	2.13	0.206	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Potassium, Total	1560		mg/kg	213	12.3	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.70	0.220	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.853	0.241	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Sodium, Total	214		mg/kg	170	2.69	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.70	0.269	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Vanadium, Total	28.0		mg/kg	0.853	0.173	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC
Zinc, Total	144		mg/kg	4.26	0.250	2	06/18/18 14:15	06/19/18 21:11	EPA 3050B	1,6010C	MC



Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-07

Date Collected: 06/12/18 10:15

Client ID: SB-13 (7-8)

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6750		mg/kg	8.74	2.36	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.37	0.332	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Arsenic, Total	2.94		mg/kg	0.874	0.182	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Barium, Total	13.2		mg/kg	0.874	0.152	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Beryllium, Total	0.254	J	mg/kg	0.437	0.029	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.874	0.086	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Calcium, Total	672		mg/kg	8.74	3.06	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Chromium, Total	10.2		mg/kg	0.874	0.084	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Cobalt, Total	4.47		mg/kg	1.75	0.145	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Copper, Total	12.5		mg/kg	0.874	0.226	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Iron, Total	13400		mg/kg	4.37	0.790	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Lead, Total	5.30		mg/kg	4.37	0.234	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Magnesium, Total	2640		mg/kg	8.74	1.35	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Manganese, Total	171		mg/kg	0.874	0.139	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.070	0.015	1	06/19/18 07:00	06/19/18 21:17	EPA 7471B	1,7471B	EA
Nickel, Total	10.9		mg/kg	2.18	0.212	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Potassium, Total	323		mg/kg	218	12.6	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.75	0.226	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.874	0.247	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Sodium, Total	131	J	mg/kg	175	2.75	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.75	0.275	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Vanadium, Total	12.1		mg/kg	0.874	0.177	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC
Zinc, Total	30.4		mg/kg	4.37	0.256	2	06/18/18 14:15	06/19/18 21:15	EPA 3050B	1,6010C	MC



Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-08

Date Collected: 06/12/18 10:20

Client ID: SB-13 (9-10)

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3150		mg/kg	8.57	2.31	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.29	0.326	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Arsenic, Total	1.33		mg/kg	0.857	0.178	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Barium, Total	11.7		mg/kg	0.857	0.149	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Beryllium, Total	0.111	J	mg/kg	0.429	0.028	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.857	0.084	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Calcium, Total	261		mg/kg	8.57	3.00	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Chromium, Total	5.12		mg/kg	0.857	0.082	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Cobalt, Total	2.35		mg/kg	1.71	0.142	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Copper, Total	8.15		mg/kg	0.857	0.221	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Iron, Total	5300		mg/kg	4.29	0.774	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Lead, Total	2.40	J	mg/kg	4.29	0.230	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Magnesium, Total	1100		mg/kg	8.57	1.32	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Manganese, Total	214		mg/kg	0.857	0.136	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.070	0.015	1	06/19/18 07:00	06/19/18 21:19	EPA 7471B	1,7471B	EA
Nickel, Total	8.33		mg/kg	2.14	0.207	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Potassium, Total	239		mg/kg	214	12.3	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.71	0.221	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.857	0.243	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Sodium, Total	55.8	J	mg/kg	171	2.70	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.71	0.270	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Vanadium, Total	5.56		mg/kg	0.857	0.174	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC
Zinc, Total	31.9		mg/kg	4.29	0.251	2	06/18/18 14:15	06/19/18 21:19	EPA 3050B	1,6010C	MC



Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-09

Date Collected: 06/12/18 10:35

Client ID: SB-14 (0-1)

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

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	8.93	2.41	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.46	0.339	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Arsenic, Total	3.54		mg/kg	0.893	0.186	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Barium, Total	71.1		mg/kg	0.893	0.155	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Beryllium, Total	0.223	J	mg/kg	0.446	0.030	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.893	0.088	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Calcium, Total	8790		mg/kg	8.93	3.12	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Chromium, Total	21.8		mg/kg	0.893	0.086	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Cobalt, Total	8.70		mg/kg	1.78	0.148	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Copper, Total	36.2		mg/kg	0.893	0.230	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Iron, Total	14900		mg/kg	4.46	0.806	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Lead, Total	82.0		mg/kg	4.46	0.239	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Magnesium, Total	6940		mg/kg	8.93	1.38	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Manganese, Total	235		mg/kg	0.893	0.142	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Mercury, Total	0.144		mg/kg	0.071	0.015	1	06/19/18 07:00	06/19/18 21:21	EPA 7471B	1,7471B	EA
Nickel, Total	12.8		mg/kg	2.23	0.216	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Potassium, Total	1460		mg/kg	223	12.8	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.78	0.230	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.893	0.253	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Sodium, Total	248		mg/kg	178	2.81	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.78	0.281	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Vanadium, Total	32.0		mg/kg	0.893	0.181	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC
Zinc, Total	78.6		mg/kg	4.46	0.262	2	06/18/18 14:15	06/19/18 21:23	EPA 3050B	1,6010C	MC



Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-10

Date Collected: 06/12/18 10:45

Client ID: SB-14 (9-10)

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8670		mg/kg	8.32	2.25	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.16	0.316	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Arsenic, Total	1.31		mg/kg	0.832	0.173	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Barium, Total	83.4		mg/kg	0.832	0.145	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Beryllium, Total	ND		mg/kg	0.416	0.027	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.832	0.082	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Calcium, Total	4780		mg/kg	8.32	2.91	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Chromium, Total	17.3		mg/kg	0.832	0.080	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Cobalt, Total	28.4		mg/kg	1.66	0.138	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Copper, Total	73.0		mg/kg	0.832	0.215	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Iron, Total	31900		mg/kg	4.16	0.751	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Lead, Total	1.69	J	mg/kg	4.16	0.223	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Magnesium, Total	5540		mg/kg	8.32	1.28	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Manganese, Total	157		mg/kg	0.832	0.132	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Mercury, Total	ND		mg/kg	0.068	0.014	1	06/19/18 07:00	06/19/18 21:22	EPA 7471B	1,7471B	EA
Nickel, Total	45.8		mg/kg	2.08	0.201	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Potassium, Total	2210		mg/kg	208	12.0	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.66	0.215	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.832	0.235	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Sodium, Total	164	J	mg/kg	166	2.62	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.66	0.262	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Vanadium, Total	72.5		mg/kg	0.832	0.169	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC
Zinc, Total	152		mg/kg	4.16	0.244	2	06/18/18 14:15	06/19/18 21:27	EPA 3050B	1,6010C	MC



Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-11

Date Collected: 06/12/18 11:30

Client ID: SB-15 (0-1)

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5850		mg/kg	8.64	2.33	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Antimony, Total	ND		mg/kg	4.32	0.328	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Arsenic, Total	2.38		mg/kg	0.864	0.180	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Barium, Total	58.7		mg/kg	0.864	0.150	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Beryllium, Total	0.121	J	mg/kg	0.432	0.029	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Cadmium, Total	ND		mg/kg	0.864	0.085	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Calcium, Total	17100		mg/kg	8.64	3.02	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Chromium, Total	16.3		mg/kg	0.864	0.083	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Cobalt, Total	5.42		mg/kg	1.73	0.143	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Copper, Total	25.2		mg/kg	0.864	0.223	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Iron, Total	9610		mg/kg	4.32	0.780	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Lead, Total	120		mg/kg	4.32	0.231	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Magnesium, Total	4680		mg/kg	8.64	1.33	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Manganese, Total	166		mg/kg	0.864	0.137	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Mercury, Total	0.182		mg/kg	0.069	0.015	1	06/19/18 07:00	06/19/18 21:28	EPA 7471B	1,7471B	EA
Nickel, Total	9.16		mg/kg	2.16	0.209	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Potassium, Total	1450		mg/kg	216	12.4	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Silver, Total	ND		mg/kg	0.864	0.244	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Sodium, Total	214		mg/kg	173	2.72	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Thallium, Total	ND		mg/kg	1.73	0.272	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Vanadium, Total	19.2		mg/kg	0.864	0.175	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC
Zinc, Total	110		mg/kg	4.32	0.253	2	06/18/18 14:15	06/19/18 21:31	EPA 3050B	1,6010C	MC



Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**SAMPLE RESULTS**

Lab ID: L1822065-12

Date Collected: 06/12/18 12:00

Client ID: FIELD BLANK

Date Received: 06/13/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

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	0.100	0.032	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Antimony, Total	ND		mg/l	0.050	0.007	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Arsenic, Total	ND		mg/l	0.005	0.002	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Barium, Total	ND		mg/l	0.010	0.002	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Beryllium, Total	ND		mg/l	0.005	0.001	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Cadmium, Total	ND		mg/l	0.005	0.001	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Calcium, Total	0.095	J	mg/l	0.100	0.035	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Chromium, Total	ND		mg/l	0.010	0.002	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Cobalt, Total	ND		mg/l	0.020	0.002	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Copper, Total	ND		mg/l	0.010	0.002	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Iron, Total	ND		mg/l	0.050	0.009	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Lead, Total	ND		mg/l	0.010	0.003	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Magnesium, Total	ND		mg/l	0.100	0.015	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Manganese, Total	ND		mg/l	0.010	0.002	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Mercury, Total	ND		mg/l	0.00020	0.00006	1	06/15/18 11:00	06/19/18 13:49	EPA 7470A	1,7470A	MG
Nickel, Total	ND		mg/l	0.025	0.002	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Potassium, Total	ND		mg/l	2.50	0.237	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Selenium, Total	ND		mg/l	0.010	0.004	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Silver, Total	ND		mg/l	0.007	0.003	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Sodium, Total	0.275	J	mg/l	2.00	0.120	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Thallium, Total	ND		mg/l	0.020	0.003	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Vanadium, Total	ND		mg/l	0.010	0.002	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB
Zinc, Total	ND		mg/l	0.050	0.002	1	06/19/18 08:40	06/19/18 18:57	EPA 3005A	1,6010C	AB



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

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): 12 Batch: WG1126378-1									
Mercury, Total	ND	mg/l	0.00020	0.00006	1	06/15/18 11:00	06/19/18 13:36	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): 01-11 Batch: WG1127069-1										
Aluminum, Total	ND	mg/kg	4.00	1.08	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Antimony, Total	ND	mg/kg	2.00	0.152	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Arsenic, Total	ND	mg/kg	0.400	0.083	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Barium, Total	ND	mg/kg	0.400	0.070	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Beryllium, Total	ND	mg/kg	0.200	0.013	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Cadmium, Total	ND	mg/kg	0.400	0.039	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Calcium, Total	ND	mg/kg	4.00	1.40	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Chromium, Total	ND	mg/kg	0.400	0.038	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Cobalt, Total	ND	mg/kg	0.800	0.066	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Copper, Total	ND	mg/kg	0.400	0.103	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Iron, Total	0.440	J	mg/kg	2.00	0.361	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC
Lead, Total	ND	mg/kg	2.00	0.107	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Magnesium, Total	ND	mg/kg	4.00	0.616	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Manganese, Total	ND	mg/kg	0.400	0.064	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Nickel, Total	ND	mg/kg	1.00	0.097	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Potassium, Total	ND	mg/kg	100	5.76	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Selenium, Total	ND	mg/kg	0.800	0.103	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Silver, Total	ND	mg/kg	0.400	0.113	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Sodium, Total	ND	mg/kg	80.0	1.26	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Thallium, Total	ND	mg/kg	0.800	0.126	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Vanadium, Total	ND	mg/kg	0.400	0.081	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	
Zinc, Total	ND	mg/kg	2.00	0.117	1	06/18/18 14:15	06/19/18 19:30	1,6010C	MC	

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

Method Blank Analysis Batch Quality Control

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): 01-11 Batch: WG1127270-1									
Mercury, Total	ND	mg/kg	0.083	0.018	1	06/19/18 07:00	06/19/18 20:50	1,7471B	EA

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): 12 Batch: WG1127331-1									
Aluminum, Total	ND	mg/l	0.100	0.032	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Antimony, Total	ND	mg/l	0.050	0.007	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Arsenic, Total	ND	mg/l	0.005	0.002	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Barium, Total	ND	mg/l	0.010	0.002	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Beryllium, Total	ND	mg/l	0.005	0.001	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Cadmium, Total	ND	mg/l	0.005	0.001	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Calcium, Total	ND	mg/l	0.100	0.035	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Chromium, Total	ND	mg/l	0.010	0.002	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Cobalt, Total	ND	mg/l	0.020	0.002	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Copper, Total	ND	mg/l	0.010	0.002	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Iron, Total	ND	mg/l	0.050	0.009	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Lead, Total	ND	mg/l	0.010	0.003	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Magnesium, Total	ND	mg/l	0.100	0.015	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Manganese, Total	ND	mg/l	0.010	0.002	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Nickel, Total	ND	mg/l	0.025	0.002	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Potassium, Total	ND	mg/l	2.50	0.237	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Selenium, Total	ND	mg/l	0.010	0.004	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Silver, Total	ND	mg/l	0.007	0.003	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Sodium, Total	ND	mg/l	2.00	0.120	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Thallium, Total	ND	mg/l	0.020	0.003	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
Vanadium, Total	ND	mg/l	0.010	0.002	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

Method Blank Analysis Batch Quality Control

Zinc, Total	ND	mg/l	0.050	0.002	1	06/19/18 08:40	06/19/18 17:58	1,6010C	AB
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Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II

Lab Number: L1822065

Project Number: 12.0076605.10

Report Date: 06/20/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 Batch: WG1126378-2								
Mercury, Total	93		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II

Lab Number: L1822065

Project Number: 12.0076605.10

Report Date: 06/20/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1127069-2 SRM Lot Number: D098-540					
Aluminum, Total	61	-	47-153	-	
Antimony, Total	129	-	6-194	-	
Arsenic, Total	94	-	83-117	-	
Barium, Total	82	-	82-118	-	
Beryllium, Total	88	-	83-117	-	
Cadmium, Total	91	-	82-117	-	
Calcium, Total	88	-	81-118	-	
Chromium, Total	89	-	83-119	-	
Cobalt, Total	95	-	84-116	-	
Copper, Total	88	-	84-116	-	
Iron, Total	87	-	60-140	-	
Lead, Total	91	-	82-117	-	
Magnesium, Total	80	-	76-124	-	
Manganese, Total	85	-	82-118	-	
Nickel, Total	93	-	82-117	-	
Potassium, Total	72	-	69-131	-	
Selenium, Total	92	-	78-121	-	
Silver, Total	88	-	80-120	-	
Sodium, Total	83	-	74-126	-	
Thallium, Total	89	-	80-119	-	
Vanadium, Total	88	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II

Lab Number: L1822065

Project Number: 12.0076605.10

Report Date: 06/20/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1127069-2 SRM Lot Number: D098-540					
Zinc, Total	93	-	81-119	-	
Total Metals - Mansfield Lab Associated sample(s): 01-11 Batch: WG1127270-2 SRM Lot Number: D098-540					
Mercury, Total	91	-	50-149	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II

Lab Number: L1822065

Project Number: 12.0076605.10

Report Date: 06/20/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 Batch: WG1127331-2					
Aluminum, Total	102	-	80-120	-	
Antimony, Total	95	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	99	-	80-120	-	
Beryllium, Total	98	-	80-120	-	
Cadmium, Total	106	-	80-120	-	
Calcium, Total	101	-	80-120	-	
Chromium, Total	100	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	95	-	80-120	-	
Iron, Total	107	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	101	-	80-120	-	
Manganese, Total	98	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	96	-	80-120	-	
Selenium, Total	108	-	80-120	-	
Silver, Total	99	-	80-120	-	
Sodium, Total	100	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II

Lab Number: L1822065

Project Number: 12.0076605.10

Report Date: 06/20/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 12 Batch: WG1127331-2					
Zinc, Total	105	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

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): 12 QC Batch ID: WG1126378-3 WG1126378-4 QC Sample: L1822226-08 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00360	72	Q	0.00354	71	Q	75-125	2		20

Matrix Spike Analysis Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

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): 01-11 QC Batch ID: WG1127069-3 WG1127069-4 QC Sample: L1822092-02 Client ID: MS Sample												
Aluminum, Total	7060	179	8320	705	Q	6840	0	Q	75-125	20	20	
Antimony, Total	ND	44.7	32.6	73	Q	38.5	83		75-125	17	20	
Arsenic, Total	3.62	10.7	13.3	90		14.8	100		75-125	11	20	
Barium, Total	43.4	179	203	89		207	88		75-125	2	20	
Beryllium, Total	0.259J	4.47	4.15	93		4.15	89		75-125	0	20	
Cadmium, Total	ND	4.56	3.35	74	Q	3.74	79		75-125	11	20	
Calcium, Total	9260	894	9410	17	Q	7920	0	Q	75-125	17	20	
Chromium, Total	19.7	17.9	40.3	115		40.4	111		75-125	0	20	
Cobalt, Total	7.62	44.7	45.7	85		46.9	84		75-125	3	20	
Copper, Total	26.0	22.3	48.3	100		56.1	130	Q	75-125	15	20	
Iron, Total	19800	89.4	19500	0	Q	17800	0	Q	75-125	9	20	
Lead, Total	55.1	45.6	88.5	73	Q	143	186	Q	75-125	47	Q	20
Magnesium, Total	3160	894	5000	206	Q	5060	204	Q	75-125	1	20	
Manganese, Total	481.	44.7	536	123		350	0	Q	75-125	42	Q	20
Nickel, Total	13.0	44.7	51.7	87		53.7	88		75-125	4	20	
Potassium, Total	675.	894	1610	105		1440	82		75-125	11	20	
Selenium, Total	ND	10.7	9.13	85		9.86	88		75-125	8	20	
Silver, Total	ND	26.8	25.7	96		26.9	96		75-125	5	20	
Sodium, Total	96.7J	894	947	106		990	106		75-125	4	20	
Thallium, Total	ND	10.7	8.08	75		8.87	80		75-125	9	20	
Vanadium, Total	22.8	44.7	67.8	101		65.1	91		75-125	4	20	

Matrix Spike Analysis Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

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): 01-11 QC Batch ID: WG1127069-3 WG1127069-4 QC Sample: L1822092-02 Client ID: MS Sample										
Zinc, Total	61.1	44.7	93.9	73	Q	110	105	75-125	16	20
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1127270-3 QC Sample: L1822065-01 Client ID: SB-11 (0-1)										
Mercury, Total	0.126	0.14	0.322	140	Q	-	-	80-120	-	20

Matrix Spike Analysis Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

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): 12 QC Batch ID: WG1127331-3 QC Sample: L1822141-01 Client ID: MS Sample									
Aluminum, Total	1.34	2	3.41	104	-	-	75-125	-	20
Antimony, Total	0.013J	0.5	0.482	96	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.128	107	-	-	75-125	-	20
Barium, Total	0.011	2	2.00	99	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.050	100	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.054	105	-	-	75-125	-	20
Calcium, Total	8.83	10	18.6	98	-	-	75-125	-	20
Chromium, Total	0.002J	0.2	0.204	102	-	-	75-125	-	20
Cobalt, Total	ND	0.5	0.495	99	-	-	75-125	-	20
Copper, Total	ND	0.25	0.242	97	-	-	75-125	-	20
Iron, Total	2.20	1	3.09	89	-	-	75-125	-	20
Lead, Total	0.003J	0.51	0.514	101	-	-	75-125	-	20
Magnesium, Total	2.06	10	11.9	98	-	-	75-125	-	20
Manganese, Total	0.049	0.5	0.536	97	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.493	99	-	-	75-125	-	20
Potassium, Total	0.660J	10	10.2	102	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.129	108	-	-	75-125	-	20
Silver, Total	ND	0.05	0.049	98	-	-	75-125	-	20
Sodium, Total	25.6	10	34.8	92	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.122	102	-	-	75-125	-	20
Vanadium, Total	0.003J	0.5	0.519	104	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

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): 12 QC Batch ID: WG1127331-3 QC Sample: L1822141-01 Client ID: MS Sample									
Zinc, Total	0.009J	0.5	0.534	107	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II

Project Number: 12.0076605.10

Lab Number: L1822065

Report Date: 06/20/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-11 QC Batch ID: WG1127270-4 QC Sample: L1822065-01 Client ID: SB-11 (0-1)						
Mercury, Total	0.126	0.143	mg/kg	13		20
Total Metals - Mansfield Lab Associated sample(s): 12 QC Batch ID: WG1127331-4 QC Sample: L1822141-01 Client ID: DUP Sample						
Calcium, Total	8.83	8.76	mg/l	1		20
Magnesium, Total	2.06	2.02	mg/l	2		20

INORGANICS & MISCELLANEOUS

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-01
Client ID: SB-11 (0-1)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 09:01
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.3		%	0.100	NA	1	-	06/14/18 14:52	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-02
Client ID: SB-11 (5-5.5)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 09:05
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.5		%	0.100	NA	1	-	06/14/18 14:52	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-03
Client ID: SB-12 (0-1)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 09:33
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	06/14/18 14:52	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-04
 Client ID: SB-13 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 09:55
 Date Received: 06/13/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	06/14/18 14:52	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-05
Client ID: SB-13 (3-4)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:00
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.3		%	0.100	NA	1	-	06/14/18 14:52	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-06
Client ID: SB-13 (5-6)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:10
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.1		%	0.100	NA	1	-	06/14/18 14:52	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-07
Client ID: SB-13 (7-8)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:15
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	06/14/18 14:52	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-08
Client ID: SB-13 (9-10)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:20
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	06/14/18 14:52	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-09
Client ID: SB-14 (0-1)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:35
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	06/14/18 14:52	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-10
Client ID: SB-14 (9-10)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 10:45
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.4		%	0.100	NA	1	-	06/14/18 14:52	121,2540G	RI



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

SAMPLE RESULTS

Lab ID: L1822065-11
Client ID: SB-15 (0-1)
Sample Location: 180 E. 132ND ST., BRONX, NY

Date Collected: 06/12/18 11:30
Date Received: 06/13/18
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	06/14/18 14:52	121,2540G	RI



Lab Duplicate Analysis

Batch Quality Control

Project Name: CARNEGIE MANAGEMENT PHASE II

Project Number: 12.0076605.10

Lab Number: L1822065

Report Date: 06/20/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-11 QC Batch ID: WG1125987-1 QC Sample: L1822065-01 Client ID: SB-11 (0-1)						
Solids, Total	90.3	90.5	%	0		20

Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**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(*)
L1822065-01A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.4	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)
L1822065-01B	Plastic 2oz unpreserved for TS	B	NA		2.4	Y	Absent		TS(7)
L1822065-01C	Glass 120ml/4oz unpreserved	B	NA		2.4	Y	Absent		NYTCL-8270(14)
L1822065-02A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.4	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)
L1822065-02B	Plastic 2oz unpreserved for TS	B	NA		2.4	Y	Absent		TS(7)
L1822065-02C	Glass 120ml/4oz unpreserved	B	NA		2.4	Y	Absent		NYTCL-8270(14)
L1822065-03A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.4	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)
L1822065-03B	Plastic 2oz unpreserved for TS	B	NA		2.4	Y	Absent		TS(7)
L1822065-03C	Glass 120ml/4oz unpreserved	B	NA		2.4	Y	Absent		NYTCL-8270(14)
L1822065-04A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.4	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)
L1822065-04B	Plastic 2oz unpreserved for TS	B	NA		2.4	Y	Absent		TS(7)
L1822065-04C	Glass 120ml/4oz unpreserved	B	NA		2.4	Y	Absent		NYTCL-8270(14)

Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1822065-05A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.4	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)
L1822065-05B	Plastic 2oz unpreserved for TS	B	NA		2.4	Y	Absent		TS(7)
L1822065-05C	Glass 120ml/4oz unpreserved	B	NA		2.4	Y	Absent		NYTCL-8270(14)
L1822065-06A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.4	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)
L1822065-06B	Plastic 2oz unpreserved for TS	B	NA		2.4	Y	Absent		TS(7)
L1822065-06C	Glass 120ml/4oz unpreserved	B	NA		2.4	Y	Absent		NYTCL-8270(14)
L1822065-07A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.4	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)
L1822065-07B	Plastic 2oz unpreserved for TS	B	NA		2.4	Y	Absent		TS(7)
L1822065-07C	Glass 120ml/4oz unpreserved	B	NA		2.4	Y	Absent		NYTCL-8270(14)
L1822065-08A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.4	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)
L1822065-08B	Plastic 2oz unpreserved for TS	B	NA		2.4	Y	Absent		TS(7)
L1822065-08C	Glass 120ml/4oz unpreserved	B	NA		2.4	Y	Absent		NYTCL-8270(14)
L1822065-09A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.4	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)
L1822065-09B	Plastic 2oz unpreserved for TS	B	NA		2.4	Y	Absent		TS(7)
L1822065-09C	Glass 120ml/4oz unpreserved	B	NA		2.4	Y	Absent		NYTCL-8270(14)

Project Name: CARNEGIE MANAGEMENT PHASE II**Lab Number:** L1822065**Project Number:** 12.0076605.10**Report Date:** 06/20/18**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1822065-10A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.4	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)
L1822065-10B	Plastic 2oz unpreserved for TS	B	NA		2.4	Y	Absent		TS(7)
L1822065-10C	Glass 120ml/4oz unpreserved	B	NA		2.4	Y	Absent		NYTCL-8270(14)
L1822065-11A	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.4	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)
L1822065-11B	Plastic 2oz unpreserved for TS	B	NA		2.4	Y	Absent		TS(7)
L1822065-11C	Glass 120ml/4oz unpreserved	B	NA		2.4	Y	Absent		NYTCL-8270(14)
L1822065-12A	Plastic 250ml HNO3 preserved	A	<2	<2	5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L1822065-12B	Amber 1000ml unpreserved	A	7	7	5.5	Y	Absent		NYTCL-8270-SIM(7)
L1822065-12C	Amber 1000ml unpreserved	A	7	7	5.5	Y	Absent		NYTCL-8270-SIM(7)

Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
Report Date: 06/20/18

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



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Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers



Project Name: CARNEGIE MANAGEMENT PHASE II
Project Number: 12.0076605.10

Lab Number: L1822065
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REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

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

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

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

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

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

Mansfield Facility

SM 2540D: TSS

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: Chloride, 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: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, 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, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522.

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 JERSEY 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 <u>1</u> of <u>2</u>	Date Rec'd in Lab <u>6/13/18</u>	ALPHA Job # <u>L1822065</u>								
	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>Carnegie Management Phase II</u> Project Location: <u>180 E. 132nd Street, Bronx NY</u> Project # <u>12.0076605.10</u> (Use Project name as Project #) <input type="checkbox"/>									
Client Information Client: <u>GZA GeoEnvironmental</u> Address: <u>55 Lane Road</u> <u>Fairfield, NJ 07004</u> Phone: <u>(973) 774-3304</u> Fax: _____ Email: <u>Sandra.huber@gza.com</u>		Deliverables <input checked="" type="checkbox"/> NJ Full / Reduced <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 # _____								
Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: _____ Rush (only if pre approved) <input type="checkbox"/> # of Days: _____		Regulatory Requirement <input type="checkbox"/> 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 checked="" type="checkbox"/> Other <u>NY</u>		Site Information Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product: _____								
These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)								
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.		PAHs TAL metals								
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection			Sample Matrix	Sampler's Initials				Sample Specific Comments	Total Bottles	
		Date	Time									
<u>22065-01</u>	<u>SB-11 (0-1)</u>	<u>6/12/18</u>	<u>0901</u>		<u>S</u>	<u>cm</u>	<u>X</u>	<u>X</u>				
<u>02</u>	<u>SB-11 (5-5.5)</u>	<u>6/12/18</u>	<u>0905</u>		<u>S</u>	<u>cm</u>	<u>X</u>	<u>X</u>				
<u>03</u>	<u>SB-12 (0-1)</u>	<u>6/12/18</u>	<u>0933</u>		<u>S</u>	<u>cm</u>	<u>X</u>	<u>X</u>				
<u>04</u>	<u>SB-13 (1-2)</u>	<u>6/12/18</u>	<u>0955</u>		<u>S</u>	<u>cm</u>	<u>X</u>	<u>X</u>				
<u>05</u>	<u>SB-13 (3-4)</u>	<u>6/12/18</u>	<u>1000</u>		<u>S</u>	<u>cm</u>	<u>X</u>	<u>X</u>				
<u>06</u>	<u>SB-13 (5-6)</u>	<u>6/12/18</u>	<u>1010</u>		<u>S</u>	<u>cm</u>	<u>X</u>	<u>X</u>				
<u>07</u>	<u>SB-13 (7-8)</u>	<u>6/12/18</u>	<u>1015</u>		<u>S</u>	<u>cm</u>	<u>X</u>	<u>X</u>				
<u>08</u>	<u>SB-13 (9-10)</u>	<u>6/12/18</u>	<u>1020</u>	<u>S</u>	<u>cm</u>	<u>X</u>	<u>X</u>					
<u>09</u>	<u>SB-14 (0-1)</u>	<u>6/12/18</u>	<u>1035</u>	<u>S</u>	<u>cm</u>	<u>X</u>	<u>X</u>					
<u>10</u>	<u>SB-14 (9-10)</u>	<u>6/12/18</u>	<u>1045</u>	<u>S</u>	<u>cm</u>	<u>X</u>	<u>X</u>					
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 <u>AA</u> Preservative <u>AA</u>	Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)								
Relinquished By: <u>[Signature]</u>		Date/Time	Received By: <u>[Signature]</u>		Date/Time							
		<u>6/13/18 1109</u>			<u>6-13-18-11:09</u>							
		<u>6-13-18-1415</u>			<u>6/13/18 1900</u>							
		<u>6/13/18 2330</u>			<u>6/13/18 2330</u>							

 NEW JERSEY 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 <u>2</u>	Date Rec'd in Lab <u>6/13/18</u>	ALPHA Job # <u>L1922065</u>															
		of <u>2</u>																	
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																	
Client Information		Deliverables																	
Client: <u>GZA GeoEnvironmental</u> Address: <u>55 Lane Road</u> <u>Fairfield, NJ 07004</u> Phone: <u>(973) 774-3304</u> Fax: _____ Email: <u>Sandra.huber@gza.com</u>		Project Name: <u>Carnegie Management Phase II</u> Project Location: <u>180 E 132nd St, Bronx, NY</u> Project # <u>12-0076605.10</u> (Use Project name as Project #) <input type="checkbox"/> Project Manager: <u>Sandra Huber</u> ALPHAQuote #: _____ Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: _____ Rush (only if pre approved) <input type="checkbox"/> # of Days: _____																	
Other project specific requirements/comments:		Regulatory Requirement																	
For EPH, selection is REQUIRED: <input type="checkbox"/> Category 1 <input type="checkbox"/> Category 2		<input checked="" type="checkbox"/> NJ Full / Reduced <input type="checkbox"/> EQulS (1 File) <input type="checkbox"/> EQulS (4 File) <input type="checkbox"/> Other																	
For VOC, selection is REQUIRED: <input type="checkbox"/> 1,4-Dioxane <input type="checkbox"/> 8011		<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 checked="" type="checkbox"/> Other <u>NY</u>																	
ANALYSIS		Site Information																	
These samples have been previously analyzed by Alpha <input type="checkbox"/>		Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product: _____																	
Sample Filtration		Sample Specific Comments																	
<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)		Total Bottles																	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PAHs	TAL Metals	Other	Other	Other	Other	Other	Other	Other	Other	Other	Other	Other	
<u>22065-11</u>	<u>SB-15(0-1)</u>	<u>6/12/18</u>	<u>1130</u>	<u>S</u>	<u>CM</u>	<u>X</u>	<u>X</u>												
<u>12</u>	<u>Field Blank</u>	<u>6/12/18</u>	<u>1200</u>	<u>S</u>	<u>CM</u>	<u>X</u>	<u>X</u>												
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 <u>AA</u> Preservative <u>AA/C</u>		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													
<u>Comp. Muff</u>		<u>6/13/18 1109</u>		<u>BjB AAL</u>		<u>6-13-18-11:09</u>													
<u>BjB</u>		<u>6-13-18-1445</u>		<u>B. Santos AAL</u>		<u>6/13/18 1900</u>													
<u>P. Santos AAL</u>		<u>6/13/18 2330</u>		<u>_____</u>		<u>6/13/18 2330</u>													



ANALYTICAL REPORT

Lab Number:	L1806944
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Sandra Huber
Phone:	(973) 774-3300
Project Name:	BRONX PHASE II
Project Number:	12.0076605.00
Report Date:	03/07/18

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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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1806944-01	SB-7 (0.5-1)	SOIL	180 E. 132ND ST., BRONX, NY	02/27/18 09:45	02/28/18
L1806944-02	SB-7 (4.5-5)	SOIL	180 E. 132ND ST., BRONX, NY	02/27/18 09:53	02/28/18
L1806944-03	SB-8 (1-2)	SOIL	180 E. 132ND ST., BRONX, NY	02/27/18 10:31	02/28/18
L1806944-04	SB-8 (10.5-11)	SOIL	180 E. 132ND ST., BRONX, NY	02/27/18 10:45	02/28/18
L1806944-05	SB-9 (1-2)	SOIL	180 E. 132ND ST., BRONX, NY	02/27/18 11:24	02/28/18
L1806944-06	SB-9 (13.5-14)	SOIL	180 E. 132ND ST., BRONX, NY	02/27/18 11:32	02/28/18
L1806944-07	SB-10 (1-2)	SOIL	180 E. 132ND ST., BRONX, NY	02/27/18 12:30	02/28/18
L1806944-08	SB-10 (9.5-10)	SOIL	180 E. 132ND ST., BRONX, NY	02/27/18 12:36	02/28/18
L1806944-09	DUP-SOIL	SOIL	180 E. 132ND ST., BRONX, NY	02/27/18 10:32	02/28/18

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

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

L1806944-07: 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.

Total Metals

L1806944-01 through -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.

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:

 Melissa Cripps

Title: Technical Director/Representative

Date: 03/07/18

ORGANICS

VOLATILES

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-01
 Client ID: SB-7 (0.5-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/04/18 13:38
 Analyst: JC
 Percent Solids: 89%

Date Collected: 02/27/18 09:45
 Date Received: 02/28/18
 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	1.8	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.30	1
Chloroform	ND		ug/kg	1.7	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.39	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.26	1
Dibromochloromethane	ND		ug/kg	1.1	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.35	1
Tetrachloroethene	1.1		ug/kg	1.1	0.34	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.39	1
Bromodichloromethane	ND		ug/kg	1.1	0.34	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.26	1
1,3-Dichloropropene, Total	ND		ug/kg	1.1	0.23	1
1,1-Dichloropropene	ND		ug/kg	5.6	0.37	1
Bromoform	ND		ug/kg	4.5	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.33	1
Benzene	ND		ug/kg	1.1	0.22	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.19	1
Chloromethane	ND		ug/kg	5.6	0.49	1
Bromomethane	ND		ug/kg	2.2	0.38	1
Vinyl chloride	ND		ug/kg	2.2	0.35	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.42	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.27	1
Trichloroethene	ND		ug/kg	1.1	0.34	1

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-01
 Client ID: SB-7 (0.5-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 09:45
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.24	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.17	1
p/m-Xylene	ND		ug/kg	2.2	0.39	1
o-Xylene	ND		ug/kg	2.2	0.38	1
Xylenes, Total	ND		ug/kg	2.2	0.38	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.38	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.27	1
Dibromomethane	ND		ug/kg	11	0.27	1
Styrene	ND		ug/kg	2.2	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.56	1
Acetone	8.0	J	ug/kg	11	2.6	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.77	1
Vinyl acetate	ND		ug/kg	11	0.17	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
1,2,3-Trichloropropane	ND		ug/kg	11	0.20	1
2-Hexanone	ND		ug/kg	11	0.75	1
Bromochloromethane	ND		ug/kg	5.6	0.40	1
2,2-Dichloropropane	ND		ug/kg	5.6	0.50	1
1,2-Dibromoethane	ND		ug/kg	4.5	0.22	1
1,3-Dichloropropane	ND		ug/kg	5.6	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.1	0.36	1
Bromobenzene	ND		ug/kg	5.6	0.24	1
n-Butylbenzene	ND		ug/kg	1.1	0.26	1
sec-Butylbenzene	ND		ug/kg	1.1	0.24	1
tert-Butylbenzene	ND		ug/kg	5.6	0.28	1
o-Chlorotoluene	ND		ug/kg	5.6	0.25	1
p-Chlorotoluene	ND		ug/kg	5.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.44	1
Hexachlorobutadiene	ND		ug/kg	5.6	0.39	1
Isopropylbenzene	ND		ug/kg	1.1	0.22	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.23	1
Naphthalene	ND		ug/kg	5.6	0.15	1
Acrylonitrile	ND		ug/kg	11	0.58	1
n-Propylbenzene	ND		ug/kg	1.1	0.24	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.28	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-01
 Client ID: SB-7 (0.5-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 09:45
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	0.21	1
1,4-Dioxane	ND		ug/kg	45	16.	1
p-Diethylbenzene	ND		ug/kg	4.5	4.5	1
p-Ethyltoluene	ND		ug/kg	4.5	0.26	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.5	0.17	1
Ethyl ether	ND		ug/kg	5.6	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	0.44	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	103		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-02
 Client ID: SB-7 (4.5-5)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/04/18 14:04
 Analyst: JC
 Percent Solids: 100%

Date Collected: 02/27/18 09:53
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.28	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.36	1
1,2-Dichloropropane	ND		ug/kg	3.7	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.0	0.32	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.37	1
Bromodichloromethane	ND		ug/kg	1.0	0.32	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.22	1
1,1-Dichloropropene	ND		ug/kg	5.2	0.34	1
Bromoform	ND		ug/kg	4.2	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.31	1
Benzene	ND		ug/kg	1.0	0.20	1
Toluene	ND		ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.18	1
Chloromethane	ND		ug/kg	5.2	0.46	1
Bromomethane	ND		ug/kg	2.1	0.35	1
Vinyl chloride	ND		ug/kg	2.1	0.33	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.25	1
Trichloroethene	ND		ug/kg	1.0	0.32	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-02
 Client ID: SB-7 (4.5-5)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 09:53
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.16	1
p/m-Xylene	ND		ug/kg	2.1	0.37	1
o-Xylene	ND		ug/kg	2.1	0.35	1
Xylenes, Total	ND		ug/kg	2.1	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.36	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.25	1
Dibromomethane	ND		ug/kg	10	0.25	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	10	0.52	1
Acetone	ND		ug/kg	10	2.4	1
Carbon disulfide	ND		ug/kg	10	1.2	1
2-Butanone	ND		ug/kg	10	0.72	1
Vinyl acetate	ND		ug/kg	10	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.18	1
2-Hexanone	ND		ug/kg	10	0.70	1
Bromochloromethane	ND		ug/kg	5.2	0.37	1
2,2-Dichloropropane	ND		ug/kg	5.2	0.47	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.21	1
1,3-Dichloropropane	ND		ug/kg	5.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.33	1
Bromobenzene	ND		ug/kg	5.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.0	0.24	1
sec-Butylbenzene	ND		ug/kg	1.0	0.23	1
tert-Butylbenzene	ND		ug/kg	5.2	0.26	1
o-Chlorotoluene	ND		ug/kg	5.2	0.23	1
p-Chlorotoluene	ND		ug/kg	5.2	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	0.41	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.36	1
Isopropylbenzene	ND		ug/kg	1.0	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.21	1
Naphthalene	ND		ug/kg	5.2	0.14	1
Acrylonitrile	ND		ug/kg	10	0.54	1
n-Propylbenzene	ND		ug/kg	1.0	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	0.26	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-02
 Client ID: SB-7 (4.5-5)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 09:53
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	0.19	1
1,4-Dioxane	ND		ug/kg	42	15.	1
p-Diethylbenzene	ND		ug/kg	4.2	4.2	1
p-Ethyltoluene	ND		ug/kg	4.2	0.24	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.2	0.16	1
Ethyl ether	ND		ug/kg	5.2	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	0.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	97		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-03
 Client ID: SB-8 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/04/18 14:30
 Analyst: JC
 Percent Solids: 93%

Date Collected: 02/27/18 10:31
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.1	1.5	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.24	1
Chloroform	ND		ug/kg	1.4	0.34	1
Carbon tetrachloride	ND		ug/kg	0.91	0.31	1
1,2-Dichloropropane	ND		ug/kg	3.2	0.21	1
Dibromochloromethane	ND		ug/kg	0.91	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.28	1
Tetrachloroethene	ND		ug/kg	0.91	0.27	1
Chlorobenzene	ND		ug/kg	0.91	0.32	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.38	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.91	0.32	1
Bromodichloromethane	ND		ug/kg	0.91	0.28	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	0.91	0.21	1
1,3-Dichloropropene, Total	ND		ug/kg	0.91	0.19	1
1,1-Dichloropropene	ND		ug/kg	4.5	0.30	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.91	0.27	1
Benzene	ND		ug/kg	0.91	0.18	1
Toluene	ND		ug/kg	1.4	0.18	1
Ethylbenzene	ND		ug/kg	0.91	0.15	1
Chloromethane	ND		ug/kg	4.5	0.40	1
Bromomethane	ND		ug/kg	1.8	0.31	1
Vinyl chloride	ND		ug/kg	1.8	0.28	1
Chloroethane	ND		ug/kg	1.8	0.29	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.22	1
Trichloroethene	ND		ug/kg	0.91	0.27	1

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-03
 Client ID: SB-8 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:31
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.5	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	4.5	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	4.5	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.14	1
p/m-Xylene	ND		ug/kg	1.8	0.32	1
o-Xylene	ND		ug/kg	1.8	0.31	1
Xylenes, Total	ND		ug/kg	1.8	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.31	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.22	1
Dibromomethane	ND		ug/kg	9.1	0.22	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.45	1
Acetone	8.2	J	ug/kg	9.1	2.1	1
Carbon disulfide	ND		ug/kg	9.1	1.0	1
2-Butanone	ND		ug/kg	9.1	0.63	1
Vinyl acetate	ND		ug/kg	9.1	0.14	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	0.22	1
1,2,3-Trichloropropane	ND		ug/kg	9.1	0.16	1
2-Hexanone	ND		ug/kg	9.1	0.60	1
Bromochloromethane	ND		ug/kg	4.5	0.32	1
2,2-Dichloropropane	ND		ug/kg	4.5	0.41	1
1,2-Dibromoethane	ND		ug/kg	3.6	0.18	1
1,3-Dichloropropane	ND		ug/kg	4.5	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.91	0.29	1
Bromobenzene	ND		ug/kg	4.5	0.20	1
n-Butylbenzene	ND		ug/kg	0.91	0.21	1
sec-Butylbenzene	ND		ug/kg	0.91	0.20	1
tert-Butylbenzene	ND		ug/kg	4.5	0.22	1
o-Chlorotoluene	ND		ug/kg	4.5	0.20	1
p-Chlorotoluene	ND		ug/kg	4.5	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.5	0.36	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.32	1
Isopropylbenzene	ND		ug/kg	0.91	0.18	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.18	1
Naphthalene	ND		ug/kg	4.5	0.12	1
Acrylonitrile	ND		ug/kg	9.1	0.47	1
n-Propylbenzene	ND		ug/kg	0.91	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.5	0.23	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-03
 Client ID: SB-8 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:31
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.5	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.5	0.15	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.5	0.17	1
1,4-Dioxane	ND		ug/kg	36	13.	1
p-Diethylbenzene	ND		ug/kg	3.6	3.6	1
p-Ethyltoluene	ND		ug/kg	3.6	0.21	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.14	1
Ethyl ether	ND		ug/kg	4.5	0.24	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	0.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	99		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-04
 Client ID: SB-8 (10.5-11)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/04/18 14:56
 Analyst: JC
 Percent Solids: 88%

Date Collected: 02/27/18 10:45
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.8	1.6	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.26	1
Chloroform	ND		ug/kg	1.5	0.36	1
Carbon tetrachloride	ND		ug/kg	0.98	0.34	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.98	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30	1
Tetrachloroethene	ND		ug/kg	0.98	0.30	1
Chlorobenzene	ND		ug/kg	0.98	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.41	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.98	0.34	1
Bromodichloromethane	ND		ug/kg	0.98	0.30	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.98	0.22	1
1,3-Dichloropropene, Total	ND		ug/kg	0.98	0.20	1
1,1-Dichloropropene	ND		ug/kg	4.9	0.32	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.98	0.29	1
Benzene	ND		ug/kg	0.98	0.19	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	0.98	0.17	1
Chloromethane	ND		ug/kg	4.9	0.43	1
Bromomethane	ND		ug/kg	2.0	0.33	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	0.98	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24	1
Trichloroethene	ND		ug/kg	0.98	0.30	1

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-04
 Client ID: SB-8 (10.5-11)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:45
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.15	1
p/m-Xylene	ND		ug/kg	2.0	0.34	1
o-Xylene	ND		ug/kg	2.0	0.33	1
Xylenes, Total	ND		ug/kg	2.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.33	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.24	1
Dibromomethane	ND		ug/kg	9.8	0.23	1
Styrene	ND		ug/kg	2.0	0.39	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.49	1
Acetone	ND		ug/kg	9.8	2.2	1
Carbon disulfide	ND		ug/kg	9.8	1.1	1
2-Butanone	ND		ug/kg	9.8	0.67	1
Vinyl acetate	ND		ug/kg	9.8	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.8	0.17	1
2-Hexanone	ND		ug/kg	9.8	0.65	1
Bromochloromethane	ND		ug/kg	4.9	0.35	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.44	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.19	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.98	0.31	1
Bromobenzene	ND		ug/kg	4.9	0.21	1
n-Butylbenzene	ND		ug/kg	0.98	0.22	1
sec-Butylbenzene	ND		ug/kg	0.98	0.21	1
tert-Butylbenzene	ND		ug/kg	4.9	0.24	1
o-Chlorotoluene	ND		ug/kg	4.9	0.22	1
p-Chlorotoluene	ND		ug/kg	4.9	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.39	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.34	1
Isopropylbenzene	ND		ug/kg	0.98	0.19	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.20	1
Naphthalene	ND		ug/kg	4.9	0.13	1
Acrylonitrile	ND		ug/kg	9.8	0.50	1
n-Propylbenzene	ND		ug/kg	0.98	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.24	1

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-04
 Client ID: SB-8 (10.5-11)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:45
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.18	1
1,4-Dioxane	ND		ug/kg	39	14.	1
p-Diethylbenzene	ND		ug/kg	3.9	3.9	1
p-Ethyltoluene	ND		ug/kg	3.9	0.23	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.15	1
Ethyl ether	ND		ug/kg	4.9	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	98		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-05
 Client ID: SB-9 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/04/18 15:23
 Analyst: JC
 Percent Solids: 87%

Date Collected: 02/27/18 11:24
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.7	1
1,1-Dichloroethane	ND		ug/kg	1.6	0.28	1
Chloroform	ND		ug/kg	1.6	0.39	1
Carbon tetrachloride	ND		ug/kg	1.0	0.36	1
1,2-Dichloropropane	ND		ug/kg	3.6	0.24	1
Dibromochloromethane	ND		ug/kg	1.0	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.6	0.33	1
Tetrachloroethene	ND		ug/kg	1.0	0.32	1
Chlorobenzene	ND		ug/kg	1.0	0.36	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.44	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.36	1
Bromodichloromethane	ND		ug/kg	1.0	0.32	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.22	1
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.22	1
1,1-Dichloropropene	ND		ug/kg	5.2	0.34	1
Bromoform	ND		ug/kg	4.2	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.31	1
Benzene	ND		ug/kg	1.0	0.20	1
Toluene	ND		ug/kg	1.6	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.18	1
Chloromethane	ND		ug/kg	5.2	0.46	1
Bromomethane	ND		ug/kg	2.1	0.35	1
Vinyl chloride	ND		ug/kg	2.1	0.33	1
Chloroethane	ND		ug/kg	2.1	0.33	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.39	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.25	1
Trichloroethene	ND		ug/kg	1.0	0.32	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-05
 Client ID: SB-9 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:24
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	5.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	5.2	0.23	1
1,4-Dichlorobenzene	ND		ug/kg	5.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.16	1
p/m-Xylene	ND		ug/kg	2.1	0.37	1
o-Xylene	ND		ug/kg	2.1	0.35	1
Xylenes, Total	ND		ug/kg	2.1	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.36	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.25	1
Dibromomethane	ND		ug/kg	10	0.25	1
Styrene	ND		ug/kg	2.1	0.42	1
Dichlorodifluoromethane	ND		ug/kg	10	0.52	1
Acetone	22		ug/kg	10	2.4	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.72	1
Vinyl acetate	ND		ug/kg	10	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.18	1
2-Hexanone	ND		ug/kg	10	0.70	1
Bromochloromethane	ND		ug/kg	5.2	0.37	1
2,2-Dichloropropane	ND		ug/kg	5.2	0.47	1
1,2-Dibromoethane	ND		ug/kg	4.2	0.21	1
1,3-Dichloropropane	ND		ug/kg	5.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.33	1
Bromobenzene	ND		ug/kg	5.2	0.23	1
n-Butylbenzene	ND		ug/kg	1.0	0.24	1
sec-Butylbenzene	ND		ug/kg	1.0	0.23	1
tert-Butylbenzene	ND		ug/kg	5.2	0.26	1
o-Chlorotoluene	ND		ug/kg	5.2	0.23	1
p-Chlorotoluene	ND		ug/kg	5.2	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.2	0.41	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.36	1
Isopropylbenzene	ND		ug/kg	1.0	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.21	1
Naphthalene	ND		ug/kg	5.2	0.14	1
Acrylonitrile	ND		ug/kg	10	0.54	1
n-Propylbenzene	ND		ug/kg	1.0	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.2	0.26	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-05
 Client ID: SB-9 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:24
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	5.2	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.2	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.2	0.19	1
1,4-Dioxane	ND		ug/kg	42	15.	1
p-Diethylbenzene	ND		ug/kg	4.2	4.2	1
p-Ethyltoluene	ND		ug/kg	4.2	0.24	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.2	0.16	1
Ethyl ether	ND		ug/kg	5.2	0.27	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	0.41	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	122		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	98		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-06
 Client ID: SB-9 (13.5-14)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/04/18 15:49
 Analyst: JC
 Percent Solids: 88%

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	9.8	1.6	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.26	1
Chloroform	ND		ug/kg	1.5	0.36	1
Carbon tetrachloride	ND		ug/kg	0.98	0.34	1
1,2-Dichloropropane	ND		ug/kg	3.4	0.22	1
Dibromochloromethane	ND		ug/kg	0.98	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.31	1
Tetrachloroethene	ND		ug/kg	0.98	0.30	1
Chlorobenzene	ND		ug/kg	0.98	0.34	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.41	1
1,2-Dichloroethane	ND		ug/kg	0.98	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.98	0.34	1
Bromodichloromethane	ND		ug/kg	0.98	0.30	1
trans-1,3-Dichloropropene	ND		ug/kg	0.98	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	0.98	0.23	1
1,3-Dichloropropene, Total	ND		ug/kg	0.98	0.20	1
1,1-Dichloropropene	ND		ug/kg	4.9	0.32	1
Bromoform	ND		ug/kg	3.9	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.98	0.29	1
Benzene	ND		ug/kg	0.98	0.19	1
Toluene	ND		ug/kg	1.5	0.19	1
Ethylbenzene	ND		ug/kg	0.98	0.17	1
Chloromethane	ND		ug/kg	4.9	0.43	1
Bromomethane	ND		ug/kg	2.0	0.33	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	0.98	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24	1
Trichloroethene	ND		ug/kg	0.98	0.30	1

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-06
 Client ID: SB-9 (13.5-14)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.9	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	4.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	4.9	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.15	1
p/m-Xylene	ND		ug/kg	2.0	0.34	1
o-Xylene	ND		ug/kg	2.0	0.33	1
Xylenes, Total	ND		ug/kg	2.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/kg	0.98	0.33	1
1,2-Dichloroethene, Total	ND		ug/kg	0.98	0.24	1
Dibromomethane	ND		ug/kg	9.8	0.23	1
Styrene	ND		ug/kg	2.0	0.39	1
Dichlorodifluoromethane	ND		ug/kg	9.8	0.49	1
Acetone	ND		ug/kg	9.8	2.2	1
Carbon disulfide	ND		ug/kg	9.8	1.1	1
2-Butanone	ND		ug/kg	9.8	0.68	1
Vinyl acetate	ND		ug/kg	9.8	0.15	1
4-Methyl-2-pentanone	ND		ug/kg	9.8	0.24	1
1,2,3-Trichloropropane	ND		ug/kg	9.8	0.17	1
2-Hexanone	ND		ug/kg	9.8	0.65	1
Bromochloromethane	ND		ug/kg	4.9	0.35	1
2,2-Dichloropropane	ND		ug/kg	4.9	0.44	1
1,2-Dibromoethane	ND		ug/kg	3.9	0.19	1
1,3-Dichloropropane	ND		ug/kg	4.9	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.98	0.31	1
Bromobenzene	ND		ug/kg	4.9	0.21	1
n-Butylbenzene	ND		ug/kg	0.98	0.22	1
sec-Butylbenzene	ND		ug/kg	0.98	0.21	1
tert-Butylbenzene	ND		ug/kg	4.9	0.24	1
o-Chlorotoluene	ND		ug/kg	4.9	0.22	1
p-Chlorotoluene	ND		ug/kg	4.9	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.9	0.39	1
Hexachlorobutadiene	ND		ug/kg	4.9	0.34	1
Isopropylbenzene	ND		ug/kg	0.98	0.19	1
p-Isopropyltoluene	ND		ug/kg	0.98	0.20	1
Naphthalene	ND		ug/kg	4.9	0.14	1
Acrylonitrile	ND		ug/kg	9.8	0.50	1
n-Propylbenzene	ND		ug/kg	0.98	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.9	0.24	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-06
 Client ID: SB-9 (13.5-14)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.9	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.9	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.9	0.18	1
1,4-Dioxane	ND		ug/kg	39	14.	1
p-Diethylbenzene	ND		ug/kg	3.9	3.9	1
p-Ethyltoluene	ND		ug/kg	3.9	0.23	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.9	0.15	1
Ethyl ether	ND		ug/kg	4.9	0.25	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.9	0.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	97		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-07
 Client ID: SB-10 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/02/18 15:59
 Analyst: NLK
 Percent Solids: 87%

Date Collected: 02/27/18 12:30
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	580	96.	1
1,1-Dichloroethane	ND		ug/kg	88	16.	1
Chloroform	ND		ug/kg	88	22.	1
Carbon tetrachloride	ND		ug/kg	58	20.	1
1,2-Dichloropropane	ND		ug/kg	200	13.	1
Dibromochloromethane	ND		ug/kg	58	10.	1
1,1,2-Trichloroethane	ND		ug/kg	88	18.	1
Tetrachloroethene	ND		ug/kg	58	18.	1
Chlorobenzene	ND		ug/kg	58	20.	1
Trichlorofluoromethane	ND		ug/kg	290	24.	1
1,2-Dichloroethane	ND		ug/kg	58	14.	1
1,1,1-Trichloroethane	ND		ug/kg	58	20.	1
Bromodichloromethane	ND		ug/kg	58	18.	1
trans-1,3-Dichloropropene	ND		ug/kg	58	12.	1
cis-1,3-Dichloropropene	ND		ug/kg	58	13.	1
1,3-Dichloropropene, Total	ND		ug/kg	58	12.	1
1,1-Dichloropropene	ND		ug/kg	290	19.	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	58	17.	1
Benzene	27	J	ug/kg	58	11.	1
Toluene	230		ug/kg	88	11.	1
Ethylbenzene	52	J	ug/kg	58	9.9	1
Chloromethane	ND		ug/kg	290	25.	1
Bromomethane	31	J	ug/kg	120	20.	1
Vinyl chloride	ND		ug/kg	120	18.	1
Chloroethane	ND		ug/kg	120	18.	1
1,1-Dichloroethene	ND		ug/kg	58	22.	1
trans-1,2-Dichloroethene	ND		ug/kg	88	14.	1
Trichloroethene	ND		ug/kg	58	18.	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-07
 Client ID: SB-10 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 12:30
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	290	11.	1
1,3-Dichlorobenzene	ND		ug/kg	290	13.	1
1,4-Dichlorobenzene	ND		ug/kg	290	11.	1
Methyl tert butyl ether	ND		ug/kg	120	8.9	1
p/m-Xylene	250		ug/kg	120	20.	1
o-Xylene	220		ug/kg	120	20.	1
Xylenes, Total	470		ug/kg	120	20.	1
cis-1,2-Dichloroethene	ND		ug/kg	58	20.	1
1,2-Dichloroethene, Total	ND		ug/kg	58	14.	1
Dibromomethane	ND		ug/kg	580	14.	1
Styrene	ND		ug/kg	120	23.	1
Dichlorodifluoromethane	ND		ug/kg	580	29.	1
Acetone	ND		ug/kg	580	130	1
Carbon disulfide	ND		ug/kg	580	64.	1
2-Butanone	ND		ug/kg	580	40.	1
Vinyl acetate	ND		ug/kg	580	8.9	1
4-Methyl-2-pentanone	ND		ug/kg	580	14.	1
1,2,3-Trichloropropane	ND		ug/kg	580	10.	1
2-Hexanone	ND		ug/kg	580	39.	1
Bromochloromethane	ND		ug/kg	290	21.	1
2,2-Dichloropropane	ND		ug/kg	290	26.	1
1,2-Dibromoethane	ND		ug/kg	230	12.	1
1,3-Dichloropropane	ND		ug/kg	290	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	58	18.	1
Bromobenzene	ND		ug/kg	290	13.	1
n-Butylbenzene	14	J	ug/kg	58	13.	1
sec-Butylbenzene	18	J	ug/kg	58	13.	1
tert-Butylbenzene	ND		ug/kg	290	14.	1
o-Chlorotoluene	ND		ug/kg	290	13.	1
p-Chlorotoluene	ND		ug/kg	290	11.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	290	23.	1
Hexachlorobutadiene	ND		ug/kg	290	20.	1
Isopropylbenzene	39	J	ug/kg	58	11.	1
p-Isopropyltoluene	12	J	ug/kg	58	12.	1
Naphthalene	230	J	ug/kg	290	8.0	1
Acrylonitrile	ND		ug/kg	580	30.	1
n-Propylbenzene	33	J	ug/kg	58	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	290	15.	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-07
 Client ID: SB-10 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 12:30
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	290	12.	1
1,3,5-Trimethylbenzene	30	J	ug/kg	290	9.4	1
1,2,4-Trimethylbenzene	170	J	ug/kg	290	11.	1
1,4-Dioxane	ND		ug/kg	2300	840	1
p-Diethylbenzene	ND		ug/kg	230	230	1
p-Ethyltoluene	70	J	ug/kg	230	14.	1
1,2,4,5-Tetramethylbenzene	14	J	ug/kg	230	9.1	1
Ethyl ether	ND		ug/kg	290	15.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	290	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	103		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-08
 Client ID: SB-10 (9.5-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/04/18 16:15
 Analyst: JC
 Percent Solids: 85%

Date Collected: 02/27/18 12:36
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	8.4	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.23	1
Chloroform	ND		ug/kg	1.3	0.31	1
Carbon tetrachloride	ND		ug/kg	0.84	0.29	1
1,2-Dichloropropane	ND		ug/kg	3.0	0.19	1
Dibromochloromethane	ND		ug/kg	0.84	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.26	1
Tetrachloroethene	ND		ug/kg	0.84	0.25	1
Chlorobenzene	ND		ug/kg	0.84	0.29	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.35	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.84	0.30	1
Bromodichloromethane	ND		ug/kg	0.84	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	0.84	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.84	0.18	1
1,1-Dichloropropene	ND		ug/kg	4.2	0.28	1
Bromoform	ND		ug/kg	3.4	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.84	0.25	1
Benzene	ND		ug/kg	0.84	0.16	1
Toluene	ND		ug/kg	1.3	0.16	1
Ethylbenzene	ND		ug/kg	0.84	0.14	1
Chloromethane	ND		ug/kg	4.2	0.37	1
Bromomethane	ND		ug/kg	1.7	0.28	1
Vinyl chloride	ND		ug/kg	1.7	0.26	1
Chloroethane	ND		ug/kg	1.7	0.27	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.20	1
Trichloroethene	ND		ug/kg	0.84	0.25	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-08
 Client ID: SB-10 (9.5-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 12:36
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	4.2	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	4.2	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	4.2	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.13	1
p/m-Xylene	ND		ug/kg	1.7	0.30	1
o-Xylene	ND		ug/kg	1.7	0.28	1
Xylenes, Total	ND		ug/kg	1.7	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.29	1
1,2-Dichloroethene, Total	ND		ug/kg	0.84	0.20	1
Dibromomethane	ND		ug/kg	8.4	0.20	1
Styrene	ND		ug/kg	1.7	0.34	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.42	1
Acetone	32		ug/kg	8.4	1.9	1
Carbon disulfide	ND		ug/kg	8.4	0.93	1
2-Butanone	ND		ug/kg	8.4	0.58	1
Vinyl acetate	ND		ug/kg	8.4	0.13	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	0.20	1
1,2,3-Trichloropropane	ND		ug/kg	8.4	0.15	1
2-Hexanone	ND		ug/kg	8.4	0.56	1
Bromochloromethane	ND		ug/kg	4.2	0.30	1
2,2-Dichloropropane	ND		ug/kg	4.2	0.38	1
1,2-Dibromoethane	ND		ug/kg	3.4	0.17	1
1,3-Dichloropropane	ND		ug/kg	4.2	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.84	0.27	1
Bromobenzene	ND		ug/kg	4.2	0.18	1
n-Butylbenzene	ND		ug/kg	0.84	0.19	1
sec-Butylbenzene	ND		ug/kg	0.84	0.18	1
tert-Butylbenzene	ND		ug/kg	4.2	0.21	1
o-Chlorotoluene	ND		ug/kg	4.2	0.19	1
p-Chlorotoluene	ND		ug/kg	4.2	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	0.33	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.29	1
Isopropylbenzene	ND		ug/kg	0.84	0.16	1
p-Isopropyltoluene	ND		ug/kg	0.84	0.17	1
Naphthalene	ND		ug/kg	4.2	0.12	1
Acrylonitrile	ND		ug/kg	8.4	0.43	1
n-Propylbenzene	ND		ug/kg	0.84	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	4.2	0.21	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-08
 Client ID: SB-10 (9.5-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 12:36
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	4.2	0.18	1
1,3,5-Trimethylbenzene	ND		ug/kg	4.2	0.14	1
1,2,4-Trimethylbenzene	ND		ug/kg	4.2	0.16	1
1,4-Dioxane	ND		ug/kg	34	12.	1
p-Diethylbenzene	ND		ug/kg	3.4	3.4	1
p-Ethyltoluene	ND		ug/kg	3.4	0.20	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.4	0.13	1
Ethyl ether	ND		ug/kg	4.2	0.22	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.2	0.33	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	126		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	100		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-09
 Client ID: DUP-SOIL
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8260C
 Analytical Date: 03/04/18 16:42
 Analyst: JC
 Percent Solids: 93%

Date Collected: 02/27/18 10:32
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	10	1.7	1
1,1-Dichloroethane	ND		ug/kg	1.5	0.28	1
Chloroform	ND		ug/kg	1.5	0.38	1
Carbon tetrachloride	ND		ug/kg	1.0	0.35	1
1,2-Dichloropropane	ND		ug/kg	3.6	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	0.31	1
Chlorobenzene	ND		ug/kg	1.0	0.35	1
Trichlorofluoromethane	ND		ug/kg	5.1	0.42	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.36	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	0.24	1
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.21	1
1,1-Dichloropropene	ND		ug/kg	5.1	0.33	1
Bromoform	ND		ug/kg	4.1	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.30	1
Benzene	ND		ug/kg	1.0	0.20	1
Toluene	ND		ug/kg	1.5	0.20	1
Ethylbenzene	ND		ug/kg	1.0	0.17	1
Chloromethane	ND		ug/kg	5.1	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	0.38	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.24	1
Trichloroethene	ND		ug/kg	1.0	0.31	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-09
 Client ID: DUP-SOIL
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:32
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2-Dichlorobenzene	ND		ug/kg	5.1	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.1	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	5.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.16	1
p/m-Xylene	ND		ug/kg	2.0	0.36	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	0.35	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	0.41	1
Dichlorodifluoromethane	ND		ug/kg	10	0.51	1
Acetone	22		ug/kg	10	2.3	1
Carbon disulfide	ND		ug/kg	10	1.1	1
2-Butanone	ND		ug/kg	10	0.70	1
Vinyl acetate	ND		ug/kg	10	0.16	1
4-Methyl-2-pentanone	ND		ug/kg	10	0.25	1
1,2,3-Trichloropropane	ND		ug/kg	10	0.18	1
2-Hexanone	ND		ug/kg	10	0.68	1
Bromochloromethane	ND		ug/kg	5.1	0.36	1
2,2-Dichloropropane	ND		ug/kg	5.1	0.46	1
1,2-Dibromoethane	ND		ug/kg	4.1	0.20	1
1,3-Dichloropropane	ND		ug/kg	5.1	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32	1
Bromobenzene	ND		ug/kg	5.1	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	5.1	0.25	1
o-Chlorotoluene	ND		ug/kg	5.1	0.22	1
p-Chlorotoluene	ND		ug/kg	5.1	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	0.40	1
Hexachlorobutadiene	ND		ug/kg	5.1	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	5.1	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	5.1	0.26	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-09
 Client ID: DUP-SOIL
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:32
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/kg	5.1	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.1	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.1	0.19	1
1,4-Dioxane	ND		ug/kg	41	15.	1
p-Diethylbenzene	ND		ug/kg	4.1	4.1	1
p-Ethyltoluene	ND		ug/kg	4.1	0.24	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.1	0.16	1
Ethyl ether	ND		ug/kg	5.1	0.26	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	97		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/02/18 08:32
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07 Batch: WG1094065-5					
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	72	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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/02/18 08:32
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07 Batch: WG1094065-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260C
Analytical Date: 03/02/18 08:32
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 07 Batch: WG1094065-5					
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	101		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	95		70-130

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/04/18 12:46
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-06,08-09 Batch: WG1094504-5					
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	0.43	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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/04/18 12:46
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-06,08-09 Batch: WG1094504-5					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 03/04/18 12:46
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01-06,08-09 Batch: WG1094504-5					
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	119		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG1094065-3 WG1094065-4								
Methylene chloride	90		90		70-130	0		30
1,1-Dichloroethane	90		90		70-130	0		30
Chloroform	88		87		70-130	1		30
Carbon tetrachloride	89		89		70-130	0		30
1,2-Dichloropropane	91		92		70-130	1		30
Dibromochloromethane	85		87		70-130	2		30
1,1,2-Trichloroethane	101		99		70-130	2		30
Tetrachloroethene	91		94		70-130	3		30
Chlorobenzene	95		94		70-130	1		30
Trichlorofluoromethane	92		94		70-139	2		30
1,2-Dichloroethane	86		85		70-130	1		30
1,1,1-Trichloroethane	88		89		70-130	1		30
Bromodichloromethane	87		87		70-130	0		30
trans-1,3-Dichloropropene	87		88		70-130	1		30
cis-1,3-Dichloropropene	91		91		70-130	0		30
1,1-Dichloropropene	87		89		70-130	2		30
Bromoform	79		77		70-130	3		30
1,1,2,2-Tetrachloroethane	104		101		70-130	3		30
Benzene	89		89		70-130	0		30
Toluene	94		93		70-130	1		30
Ethylbenzene	94		95		70-130	1		30
Chloromethane	96		92		52-130	4		30
Bromomethane	83		84		57-147	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG1094065-3 WG1094065-4								
Vinyl chloride	90		90		67-130	0		30
Chloroethane	84		85		50-151	1		30
1,1-Dichloroethene	93		93		65-135	0		30
trans-1,2-Dichloroethene	90		91		70-130	1		30
Trichloroethene	87		89		70-130	2		30
1,2-Dichlorobenzene	98		96		70-130	2		30
1,3-Dichlorobenzene	96		96		70-130	0		30
1,4-Dichlorobenzene	96		95		70-130	1		30
Methyl tert butyl ether	88		87		66-130	1		30
p/m-Xylene	98		98		70-130	0		30
o-Xylene	97		97		70-130	0		30
cis-1,2-Dichloroethene	90		89		70-130	1		30
Dibromomethane	90		93		70-130	3		30
Styrene	99		100		70-130	1		30
Dichlorodifluoromethane	89		88		30-146	1		30
Acetone	97		105		54-140	8		30
Carbon disulfide	93		95		59-130	2		30
2-Butanone	70		85		70-130	19		30
Vinyl acetate	95		93		70-130	2		30
4-Methyl-2-pentanone	83		88		70-130	6		30
1,2,3-Trichloropropane	95		95		68-130	0		30
2-Hexanone	73		77		70-130	5		30
Bromochloromethane	92		94		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG1094065-3 WG1094065-4								
2,2-Dichloropropane	94		94		70-130	0		30
1,2-Dibromoethane	97		97		70-130	0		30
1,3-Dichloropropane	96		99		69-130	3		30
1,1,1,2-Tetrachloroethane	93		92		70-130	1		30
Bromobenzene	93		93		70-130	0		30
n-Butylbenzene	97		97		70-130	0		30
sec-Butylbenzene	97		96		70-130	1		30
tert-Butylbenzene	96		94		70-130	2		30
o-Chlorotoluene	94		92		70-130	2		30
p-Chlorotoluene	95		93		70-130	2		30
1,2-Dibromo-3-chloropropane	86		86		68-130	0		30
Hexachlorobutadiene	85		88		67-130	3		30
Isopropylbenzene	94		93		70-130	1		30
p-Isopropyltoluene	97		95		70-130	2		30
Naphthalene	95		95		70-130	0		30
Acrylonitrile	85		89		70-130	5		30
n-Propylbenzene	96		94		70-130	2		30
1,2,3-Trichlorobenzene	98		96		70-130	2		30
1,2,4-Trichlorobenzene	96		94		70-130	2		30
1,3,5-Trimethylbenzene	96		95		70-130	1		30
1,2,4-Trimethylbenzene	98		97		70-130	1		30
1,4-Dioxane	120		129		65-136	7		30
p-Diethylbenzene	97		94		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Project Number: 12.0076605.00

Lab Number: L1806944

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 07 Batch: WG1094065-3 WG1094065-4								
p-Ethyltoluene	95		95		70-130	0		30
1,2,4,5-Tetramethylbenzene	98		94		70-130	4		30
Ethyl ether	101		100		67-130	1		30
trans-1,4-Dichloro-2-butene	88		92		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	99		97		70-130
Dibromofluoromethane	101		98		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-06,08-09 Batch: WG1094504-3 WG1094504-4								
Methylene chloride	79		76		70-130	4		30
1,1-Dichloroethane	101		99		70-130	2		30
Chloroform	102		100		70-130	2		30
Carbon tetrachloride	109		107		70-130	2		30
1,2-Dichloropropane	94		93		70-130	1		30
Dibromochloromethane	95		94		70-130	1		30
1,1,2-Trichloroethane	101		102		70-130	1		30
Tetrachloroethene	90		90		70-130	0		30
Chlorobenzene	95		95		70-130	0		30
Trichlorofluoromethane	105		102		70-139	3		30
1,2-Dichloroethane	112		110		70-130	2		30
1,1,1-Trichloroethane	110		107		70-130	3		30
Bromodichloromethane	102		100		70-130	2		30
trans-1,3-Dichloropropene	111		111		70-130	0		30
cis-1,3-Dichloropropene	103		102		70-130	1		30
1,1-Dichloropropene	109		108		70-130	1		30
Bromoform	95		90		70-130	5		30
1,1,2,2-Tetrachloroethane	106		105		70-130	1		30
Benzene	98		96		70-130	2		30
Toluene	100		100		70-130	0		30
Ethylbenzene	103		104		70-130	1		30
Chloromethane	110		102		52-130	8		30
Bromomethane	99		96		57-147	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-06,08-09 Batch: WG1094504-3 WG1094504-4								
Vinyl chloride	89		84		67-130	6		30
Chloroethane	102		96		50-151	6		30
1,1-Dichloroethene	104		93		65-135	11		30
trans-1,2-Dichloroethene	99		97		70-130	2		30
Trichloroethene	98		98		70-130	0		30
1,2-Dichlorobenzene	92		92		70-130	0		30
1,3-Dichlorobenzene	94		92		70-130	2		30
1,4-Dichlorobenzene	92		93		70-130	1		30
Methyl tert butyl ether	100		96		66-130	4		30
p/m-Xylene	99		99		70-130	0		30
o-Xylene	103		100		70-130	3		30
cis-1,2-Dichloroethene	96		95		70-130	1		30
Dibromomethane	104		100		70-130	4		30
Styrene	99		96		70-130	3		30
Dichlorodifluoromethane	118		113		30-146	4		30
Acetone	131		127		54-140	3		30
Carbon disulfide	103		94		59-130	9		30
2-Butanone	111		107		70-130	4		30
Vinyl acetate	115		116		70-130	1		30
4-Methyl-2-pentanone	102		101		70-130	1		30
1,2,3-Trichloropropane	112		111		68-130	1		30
2-Hexanone	124		127		70-130	2		30
Bromochloromethane	93		90		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-06,08-09 Batch: WG1094504-3 WG1094504-4								
2,2-Dichloropropane	116		115		70-130	1		30
1,2-Dibromoethane	96		95		70-130	1		30
1,3-Dichloropropane	103		104		69-130	1		30
1,1,1,2-Tetrachloroethane	95		93		70-130	2		30
Bromobenzene	90		90		70-130	0		30
n-Butylbenzene	113		112		70-130	1		30
sec-Butylbenzene	105		104		70-130	1		30
tert-Butylbenzene	102		101		70-130	1		30
o-Chlorotoluene	102		101		70-130	1		30
p-Chlorotoluene	106		104		70-130	2		30
1,2-Dibromo-3-chloropropane	85		83		68-130	2		30
Hexachlorobutadiene	82		83		67-130	1		30
Isopropylbenzene	105		103		70-130	2		30
p-Isopropyltoluene	103		102		70-130	1		30
Naphthalene	94		94		70-130	0		30
Acrylonitrile	89		89		70-130	0		30
n-Propylbenzene	109		108		70-130	1		30
1,2,3-Trichlorobenzene	87		88		70-130	1		30
1,2,4-Trichlorobenzene	90		88		70-130	2		30
1,3,5-Trimethylbenzene	101		102		70-130	1		30
1,2,4-Trimethylbenzene	102		101		70-130	1		30
1,4-Dioxane	110		104		65-136	6		30
p-Diethylbenzene	106		105		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01-06,08-09 Batch: WG1094504-3 WG1094504-4								
p-Ethyltoluene	108		106		70-130	2		30
1,2,4,5-Tetramethylbenzene	102		100		70-130	2		30
Ethyl ether	99		96		67-130	3		30
trans-1,4-Dichloro-2-butene	107		119		70-130	11		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
1,2-Dichloroethane-d4	111		113		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	113		113		70-130
Dibromofluoromethane	97		97		70-130

SEMIVOLATILES

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-01
 Client ID: SB-7 (0.5-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 06:38
 Analyst: EK
 Percent Solids: 89%

Date Collected: 02/27/18 09:45
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 20:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1200		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	16000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	980		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-01
 Client ID: SB-7 (0.5-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 09:45
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	6600		ug/kg	110	20.	1
Benzo(a)pyrene	7000		ug/kg	140	44.	1
Benzo(b)fluoranthene	8900	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	2800		ug/kg	110	29.	1
Chrysene	6800		ug/kg	110	19.	1
Acenaphthylene	140		ug/kg	140	28.	1
Anthracene	1300		ug/kg	110	35.	1
Benzo(ghi)perylene	4600		ug/kg	140	21.	1
Fluorene	580		ug/kg	180	18.	1
Phenanthrene	11000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1000		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	4800		ug/kg	140	25.	1
Pyrene	13000	E	ug/kg	110	18.	1
Biphenyl	130	J	ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	720		ug/kg	180	17.	1
2-Methylnaphthalene	490		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	52	J	ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-01
 Client ID: SB-7 (0.5-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 09:45
 Date Received: 02/28/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	780		ug/kg	180	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	87		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-01 D
 Client ID: SB-7 (0.5-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/07/18 01:29
 Analyst: PS
 Percent Solids: 89%

Date Collected: 02/27/18 09:45
 Date Received: 02/28/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 03/01/18 20:59

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

Fluoranthene	14000		ug/kg	540	100	5
Benzo(b)fluoranthene	7000		ug/kg	540	150	5
Phenanthrene	9800		ug/kg	540	110	5
Pyrene	12000		ug/kg	540	90.	5

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-02
 Client ID: SB-7 (4.5-5)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 01:34
 Analyst: EK
 Percent Solids: 100%

Date Collected: 02/27/18 09:53
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 20:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.	1
Hexachlorobenzene	ND		ug/kg	99	18.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.	1
2-Chloronaphthalene	ND		ug/kg	160	16.	1
1,2-Dichlorobenzene	ND		ug/kg	160	30.	1
1,3-Dichlorobenzene	ND		ug/kg	160	28.	1
1,4-Dichlorobenzene	ND		ug/kg	160	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.	1
2,4-Dinitrotoluene	ND		ug/kg	160	33.	1
2,6-Dinitrotoluene	ND		ug/kg	160	28.	1
Fluoranthene	ND		ug/kg	99	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.	1
Hexachlorobutadiene	ND		ug/kg	160	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	470	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	21.	1
Naphthalene	ND		ug/kg	160	20.	1
Nitrobenzene	ND		ug/kg	150	24.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.	1
Butyl benzyl phthalate	ND		ug/kg	160	42.	1
Di-n-butylphthalate	ND		ug/kg	160	31.	1
Di-n-octylphthalate	ND		ug/kg	160	56.	1
Diethyl phthalate	ND		ug/kg	160	15.	1

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-02
 Client ID: SB-7 (4.5-5)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 09:53
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	160	34.	1
Benzo(a)anthracene	ND		ug/kg	99	18.	1
Benzo(a)pyrene	ND		ug/kg	130	40.	1
Benzo(b)fluoranthene	ND		ug/kg	99	28.	1
Benzo(k)fluoranthene	ND		ug/kg	99	26.	1
Chrysene	ND		ug/kg	99	17.	1
Acenaphthylene	ND		ug/kg	130	25.	1
Anthracene	ND		ug/kg	99	32.	1
Benzo(ghi)perylene	ND		ug/kg	130	19.	1
Fluorene	ND		ug/kg	160	16.	1
Phenanthrene	ND		ug/kg	99	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	ND		ug/kg	99	16.	1
Biphenyl	ND		ug/kg	380	38.	1
4-Chloroaniline	ND		ug/kg	160	30.	1
2-Nitroaniline	ND		ug/kg	160	32.	1
3-Nitroaniline	ND		ug/kg	160	31.	1
4-Nitroaniline	ND		ug/kg	160	68.	1
Dibenzofuran	ND		ug/kg	160	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.	1
Acetophenone	ND		ug/kg	160	20.	1
2,4,6-Trichlorophenol	ND		ug/kg	99	31.	1
p-Chloro-m-cresol	ND		ug/kg	160	24.	1
2-Chlorophenol	ND		ug/kg	160	19.	1
2,4-Dichlorophenol	ND		ug/kg	150	26.	1
2,4-Dimethylphenol	ND		ug/kg	160	54.	1
2-Nitrophenol	ND		ug/kg	360	62.	1
4-Nitrophenol	ND		ug/kg	230	67.	1
2,4-Dinitrophenol	ND		ug/kg	790	77.	1
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.	1
Pentachlorophenol	ND		ug/kg	130	36.	1
Phenol	ND		ug/kg	160	25.	1
2-Methylphenol	ND		ug/kg	160	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1
2,4,5-Trichlorophenol	ND		ug/kg	160	32.	1
Benzoic Acid	ND		ug/kg	530	170	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-02
 Client ID: SB-7 (4.5-5)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 09:53
 Date Received: 02/28/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	160	50.	1
Carbazole	ND		ug/kg	160	16.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	95		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	85		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-03
 Client ID: SB-8 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 07:03
 Analyst: EK
 Percent Solids: 93%

Date Collected: 02/27/18 10:31
 Date Received: 02/28/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 03/01/18 20:59

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	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	90	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-03
 Client ID: SB-8 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:31
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	56	J	ug/kg	100	20.	1
Benzo(a)pyrene	59	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	72	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	77	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	50	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	62	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	35	J	ug/kg	140	24.	1
Pyrene	90	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-03
 Client ID: SB-8 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:31
 Date Received: 02/28/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	63		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-04
 Client ID: SB-8 (10.5-11)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/07/18 01:04
 Analyst: PS
 Percent Solids: 88%

Date Collected: 02/27/18 10:45
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 20:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	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	40	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	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	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	21.	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	47.	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	17.	1

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-04
 Client ID: SB-8 (10.5-11)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:45
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	26	J	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	23	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	36	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	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	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	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-04
 Client ID: SB-8 (10.5-11)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:45
 Date Received: 02/28/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	68		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-05
 Client ID: SB-9 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 07:28
 Analyst: EK
 Percent Solids: 87%

Date Collected: 02/27/18 11:24
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 20:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	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	540		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	220	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	47	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	180	J	ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	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	17.	1

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-05
 Client ID: SB-9 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:24
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	320		ug/kg	110	21.	1
Benzo(a)pyrene	350		ug/kg	150	46.	1
Benzo(b)fluoranthene	460		ug/kg	110	32.	1
Benzo(k)fluoranthene	160		ug/kg	110	30.	1
Chrysene	340		ug/kg	110	20.	1
Acenaphthylene	64	J	ug/kg	150	29.	1
Anthracene	89	J	ug/kg	110	37.	1
Benzo(ghi)perylene	230		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	230		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	59	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	150	26.	1
Pyrene	460		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	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	18	J	ug/kg	190	18.	1
2-Methylnaphthalene	42	J	ug/kg	220	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	400	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-05
 Client ID: SB-9 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:24
 Date Received: 02/28/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	30	J	ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	61		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-06
 Client ID: SB-9 (13.5-14)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 01:59
 Analyst: EK
 Percent Solids: 88%

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 03/01/18 20:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	33.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	49.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	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	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-06
 Client ID: SB-9 (13.5-14)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	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	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	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	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-06
 Client ID: SB-9 (13.5-14)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	ND		ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	86		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-07
 Client ID: SB-10 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 07:54
 Analyst: EK
 Percent Solids: 87%

Date Collected: 02/27/18 12:30
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 20:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	40	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	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	640		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	110	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	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

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-07
 Client ID: SB-10 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 12:30
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	350		ug/kg	110	21.	1
Benzo(a)pyrene	360		ug/kg	150	46.	1
Benzo(b)fluoranthene	450		ug/kg	110	32.	1
Benzo(k)fluoranthene	180		ug/kg	110	30.	1
Chrysene	370		ug/kg	110	20.	1
Acenaphthylene	52	J	ug/kg	150	29.	1
Anthracene	150		ug/kg	110	37.	1
Benzo(ghi)perylene	230		ug/kg	150	22.	1
Fluorene	58	J	ug/kg	190	18.	1
Phenanthrene	440		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	58	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	240		ug/kg	150	26.	1
Pyrene	550		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	37	J	ug/kg	190	18.	1
2-Methylnaphthalene	52	J	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

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-07
 Client ID: SB-10 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 12:30
 Date Received: 02/28/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	52	J	ug/kg	190	18.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	62		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-08
 Client ID: SB-10 (9.5-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 02:24
 Analyst: EK
 Percent Solids: 85%

Date Collected: 02/27/18 12:36
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 20:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	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	180	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	ND		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	560	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	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

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-08
 Client ID: SB-10 (9.5-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 12:36
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	80.	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	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	180	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	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	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

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-08
 Client ID: SB-10 (9.5-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 12:36
 Date Received: 02/28/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	190	60.	1
Carbazole	ND		ug/kg	190	19.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	75		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-09
 Client ID: DUP-SOIL
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8270D
 Analytical Date: 03/06/18 08:19
 Analyst: EK
 Percent Solids: 93%

Date Collected: 02/27/18 10:32
 Date Received: 02/28/18
 Field Prep: Not Specified

Extraction Method: EPA 3546
 Extraction Date: 03/01/18 20:59

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	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	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	60	J	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	ND		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

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-09
 Client ID: DUP-SOIL
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:32
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	43	J	ug/kg	110	20.	1
Benzo(a)pyrene	44	J	ug/kg	140	43.	1
Benzo(b)fluoranthene	58	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	55	J	ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	40	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	31	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	30	J	ug/kg	140	25.	1
Pyrene	63	J	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	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	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	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	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	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	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1

Project Name: BRONX PHASE II**Lab Number:** L1806944**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806944-09
 Client ID: DUP-SOIL
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 10:32
 Date Received: 02/28/18
 Field Prep: Not Specified

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

Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	66		18-120

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/06/18 00:26
Analyst: TT

Extraction Method: EPA 3546
Extraction Date: 03/01/18 20:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1093686-1					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/06/18 00:26
Analyst: TT

Extraction Method: EPA 3546
Extraction Date: 03/01/18 20:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1093686-1					
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: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 03/06/18 00:26
Analyst: TT

Extraction Method: EPA 3546
Extraction Date: 03/01/18 20:59

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG1093686-1					
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	88		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	100		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	96		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1093686-2 WG1093686-3								
Acenaphthene	89		87		31-137	2		50
1,2,4-Trichlorobenzene	93		89		38-107	4		50
Hexachlorobenzene	100		101		40-140	1		50
Bis(2-chloroethyl)ether	88		86		40-140	2		50
2-Chloronaphthalene	103		102		40-140	1		50
1,2-Dichlorobenzene	86		83		40-140	4		50
1,3-Dichlorobenzene	81		79		40-140	3		50
1,4-Dichlorobenzene	82		79		28-104	4		50
3,3'-Dichlorobenzidine	86		85		40-140	1		50
2,4-Dinitrotoluene	109		105		40-132	4		50
2,6-Dinitrotoluene	109		109		40-140	0		50
Fluoranthene	92		91		40-140	1		50
4-Chlorophenyl phenyl ether	97		95		40-140	2		50
4-Bromophenyl phenyl ether	98		95		40-140	3		50
Bis(2-chloroisopropyl)ether	70		67		40-140	4		50
Bis(2-chloroethoxy)methane	95		93		40-117	2		50
Hexachlorobutadiene	102		101		40-140	1		50
Hexachlorocyclopentadiene	110		111		40-140	1		50
Hexachloroethane	91		89		40-140	2		50
Isophorone	109		107		40-140	2		50
Naphthalene	90		88		40-140	2		50
Nitrobenzene	106		102		40-140	4		50
NDPA/DPA	94		96		36-157	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1093686-2 WG1093686-3								
n-Nitrosodi-n-propylamine	104		104		32-121	0		50
Bis(2-ethylhexyl)phthalate	110		108		40-140	2		50
Butyl benzyl phthalate	104		102		40-140	2		50
Di-n-butylphthalate	101		100		40-140	1		50
Di-n-octylphthalate	111		108		40-140	3		50
Diethyl phthalate	106		107		40-140	1		50
Dimethyl phthalate	103		108		40-140	5		50
Benzo(a)anthracene	98		97		40-140	1		50
Benzo(a)pyrene	94		92		40-140	2		50
Benzo(b)fluoranthene	86		86		40-140	0		50
Benzo(k)fluoranthene	98		97		40-140	1		50
Chrysene	93		91		40-140	2		50
Acenaphthylene	106		104		40-140	2		50
Anthracene	89		88		40-140	1		50
Benzo(ghi)perylene	111		110		40-140	1		50
Fluorene	95		93		40-140	2		50
Phenanthrene	89		87		40-140	2		50
Dibenzo(a,h)anthracene	109		109		40-140	0		50
Indeno(1,2,3-cd)pyrene	107		110		40-140	3		50
Pyrene	88		86		35-142	2		50
Biphenyl	102		102		54-104	0		50
4-Chloroaniline	73		72		40-140	1		50
2-Nitroaniline	104		105		47-134	1		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG1093686-2 WG1093686-3								
3-Nitroaniline	73		73		26-129	0		50
4-Nitroaniline	89		86		41-125	3		50
Dibenzofuran	96		92		40-140	4		50
2-Methylnaphthalene	92		90		40-140	2		50
1,2,4,5-Tetrachlorobenzene	108		105		40-117	3		50
Acetophenone	107		103		14-144	4		50
2,4,6-Trichlorophenol	115		116		30-130	1		50
p-Chloro-m-cresol	119	Q	116	Q	26-103	3		50
2-Chlorophenol	92		89		25-102	3		50
2,4-Dichlorophenol	100		99		30-130	1		50
2,4-Dimethylphenol	112		110		30-130	2		50
2-Nitrophenol	99		97		30-130	2		50
4-Nitrophenol	136	Q	128	Q	11-114	6		50
2,4-Dinitrophenol	69		59		4-130	16		50
4,6-Dinitro-o-cresol	117		112		10-130	4		50
Pentachlorophenol	81		81		17-109	0		50
Phenol	97	Q	95	Q	26-90	2		50
2-Methylphenol	96		97		30-130	1		50
3-Methylphenol/4-Methylphenol	106		97		30-130	9		50
2,4,5-Trichlorophenol	113		111		30-130	2		50
Benzoic Acid	24		11		10-110	74	Q	50
Benzyl Alcohol	117		114		40-140	3		50
Carbazole	88		86		54-128	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

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): 01-09 Batch: WG1093686-2 WG1093686-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	90		88		25-120
Phenol-d6	96		93		10-120
Nitrobenzene-d5	107		102		23-120
2-Fluorobiphenyl	96		94		30-120
2,4,6-Tribromophenol	105		103		10-136
4-Terphenyl-d14	85		83		18-120

PCBS

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-01
 Client ID: SB-7 (0.5-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/05/18 11:04
 Analyst: WR
 Percent Solids: 89%

Date Collected: 02/27/18 09:45
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 22:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/02/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/03/18

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	4.38	1	A
Aroclor 1248	ND		ug/kg	35.7	4.01	1	A
Aroclor 1254	11.1	J	ug/kg	35.7	2.92	1	A
Aroclor 1260	5.61	J	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	16.7	J	ug/kg	35.7	2.53	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-02
 Client ID: SB-7 (4.5-5)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/05/18 11:16
 Analyst: WR
 Percent Solids: 100%

Date Collected: 02/27/18 09:53
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 22:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/02/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.4	3.79	1	A
Aroclor 1221	ND		ug/kg	33.4	5.09	1	A
Aroclor 1232	ND		ug/kg	33.4	3.29	1	A
Aroclor 1242	ND		ug/kg	33.4	4.09	1	A
Aroclor 1248	ND		ug/kg	33.4	3.75	1	A
Aroclor 1254	ND		ug/kg	33.4	2.73	1	A
Aroclor 1260	ND		ug/kg	33.4	3.49	1	A
Aroclor 1262	ND		ug/kg	33.4	2.75	1	A
Aroclor 1268	ND		ug/kg	33.4	2.37	1	A
PCBs, Total	ND		ug/kg	33.4	2.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-03
 Client ID: SB-8 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/05/18 11:29
 Analyst: WR
 Percent Solids: 93%

Date Collected: 02/27/18 10:31
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 22:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/02/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.1	3.86	1	A
Aroclor 1221	ND		ug/kg	34.1	5.19	1	A
Aroclor 1232	ND		ug/kg	34.1	3.35	1	A
Aroclor 1242	ND		ug/kg	34.1	4.17	1	A
Aroclor 1248	ND		ug/kg	34.1	3.82	1	A
Aroclor 1254	ND		ug/kg	34.1	2.78	1	A
Aroclor 1260	ND		ug/kg	34.1	3.56	1	A
Aroclor 1262	ND		ug/kg	34.1	2.80	1	A
Aroclor 1268	ND		ug/kg	34.1	2.41	1	A
PCBs, Total	ND		ug/kg	34.1	2.41	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	112		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-04
Client ID: SB-8 (10.5-11)
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/05/18 11:41
Analyst: WR
Percent Solids: 88%

Date Collected: 02/27/18 10:45
Date Received: 02/28/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/01/18 22:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	4.16	1	A
Aroclor 1221	ND		ug/kg	36.7	5.58	1	A
Aroclor 1232	ND		ug/kg	36.7	3.61	1	A
Aroclor 1242	ND		ug/kg	36.7	4.49	1	A
Aroclor 1248	ND		ug/kg	36.7	4.11	1	A
Aroclor 1254	ND		ug/kg	36.7	2.99	1	A
Aroclor 1260	ND		ug/kg	36.7	3.83	1	A
Aroclor 1262	ND		ug/kg	36.7	3.01	1	A
Aroclor 1268	ND		ug/kg	36.7	2.60	1	A
PCBs, Total	ND		ug/kg	36.7	2.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-05
Client ID: SB-9 (1-2)
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/05/18 11:54
Analyst: WR
Percent Solids: 87%

Date Collected: 02/27/18 11:24
Date Received: 02/28/18
Field Prep: Not Specified
Extraction Method:EPA 3546
Extraction Date: 03/01/18 22:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	4.30	1	A
Aroclor 1221	ND		ug/kg	37.9	5.77	1	A
Aroclor 1232	ND		ug/kg	37.9	3.73	1	A
Aroclor 1242	ND		ug/kg	37.9	4.64	1	A
Aroclor 1248	ND		ug/kg	37.9	4.26	1	A
Aroclor 1254	17.1	J	ug/kg	37.9	3.10	1	B
Aroclor 1260	12.4	J	ug/kg	37.9	3.96	1	A
Aroclor 1262	ND		ug/kg	37.9	3.12	1	A
Aroclor 1268	ND		ug/kg	37.9	2.68	1	A
PCBs, Total	29.5	J	ug/kg	37.9	2.68	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-06
Client ID: SB-9 (13.5-14)
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/05/18 12:06
Analyst: WR
Percent Solids: 88%

Date Collected: 02/27/18 11:32
Date Received: 02/28/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/01/18 22:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	4.26	1	A
Aroclor 1221	ND		ug/kg	37.6	5.72	1	A
Aroclor 1232	ND		ug/kg	37.6	3.70	1	A
Aroclor 1242	ND		ug/kg	37.6	4.60	1	A
Aroclor 1248	ND		ug/kg	37.6	4.22	1	A
Aroclor 1254	ND		ug/kg	37.6	3.07	1	A
Aroclor 1260	ND		ug/kg	37.6	3.93	1	A
Aroclor 1262	ND		ug/kg	37.6	3.09	1	A
Aroclor 1268	ND		ug/kg	37.6	2.66	1	A
PCBs, Total	ND		ug/kg	37.6	2.66	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-07
 Client ID: SB-10 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/05/18 12:19
 Analyst: WR
 Percent Solids: 87%

Date Collected: 02/27/18 12:30
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 22:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/02/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	4.20	1	A
Aroclor 1221	ND		ug/kg	37.1	5.64	1	A
Aroclor 1232	ND		ug/kg	37.1	3.65	1	A
Aroclor 1242	ND		ug/kg	37.1	4.54	1	A
Aroclor 1248	ND		ug/kg	37.1	4.16	1	A
Aroclor 1254	12.0	J	ug/kg	37.1	3.02	1	B
Aroclor 1260	11.0	J	ug/kg	37.1	3.87	1	A
Aroclor 1262	ND		ug/kg	37.1	3.05	1	A
Aroclor 1268	ND		ug/kg	37.1	2.62	1	A
PCBs, Total	23.0	J	ug/kg	37.1	2.62	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-08
 Client ID: SB-10 (9.5-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 03/05/18 12:31
 Analyst: WR
 Percent Solids: 85%

Date Collected: 02/27/18 12:36
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 22:29
 Cleanup Method: EPA 3665A
 Cleanup Date: 03/02/18
 Cleanup Method: EPA 3660B
 Cleanup Date: 03/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.1	4.44	1	A
Aroclor 1221	ND		ug/kg	39.1	5.96	1	A
Aroclor 1232	ND		ug/kg	39.1	3.85	1	A
Aroclor 1242	ND		ug/kg	39.1	4.79	1	A
Aroclor 1248	ND		ug/kg	39.1	4.39	1	A
Aroclor 1254	ND		ug/kg	39.1	3.19	1	A
Aroclor 1260	ND		ug/kg	39.1	4.09	1	A
Aroclor 1262	ND		ug/kg	39.1	3.22	1	A
Aroclor 1268	ND		ug/kg	39.1	2.77	1	A
PCBs, Total	ND		ug/kg	39.1	2.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-09
Client ID: DUP-SOIL
Sample Location: 180 E. 132ND ST., BRONX, NY
Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 03/05/18 12:44
Analyst: WR
Percent Solids: 93%

Date Collected: 02/27/18 10:32
Date Received: 02/28/18
Field Prep: Not Specified
Extraction Method: EPA 3546
Extraction Date: 03/01/18 22:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	3.93	1	A
Aroclor 1221	ND		ug/kg	34.6	5.27	1	A
Aroclor 1232	ND		ug/kg	34.6	3.41	1	A
Aroclor 1242	ND		ug/kg	34.6	4.24	1	A
Aroclor 1248	ND		ug/kg	34.6	3.89	1	A
Aroclor 1254	ND		ug/kg	34.6	2.83	1	A
Aroclor 1260	ND		ug/kg	34.6	3.62	1	A
Aroclor 1262	ND		ug/kg	34.6	2.85	1	A
Aroclor 1268	ND		ug/kg	34.6	2.45	1	A
PCBs, Total	ND		ug/kg	34.6	2.45	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 03/05/18 10:27
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 03/01/18 22:29
Cleanup Method: EPA 3665A
Cleanup Date: 03/02/18
Cleanup Method: EPA 3660B
Cleanup Date: 03/03/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-09 Batch: WG1093705-1						
Aroclor 1016	ND		ug/kg	32.5	3.68	A
Aroclor 1221	ND		ug/kg	32.5	4.94	A
Aroclor 1232	ND		ug/kg	32.5	3.20	A
Aroclor 1242	ND		ug/kg	32.5	3.98	A
Aroclor 1248	ND		ug/kg	32.5	3.64	A
Aroclor 1254	ND		ug/kg	32.5	2.65	A
Aroclor 1260	ND		ug/kg	32.5	3.39	A
Aroclor 1262	ND		ug/kg	32.5	2.67	A
Aroclor 1268	ND		ug/kg	32.5	2.30	A
PCBs, Total	ND		ug/kg	32.5	2.30	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	87		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-09 Batch: WG1093705-2 WG1093705-3									
Aroclor 1016	95		90		40-140	5		50	A
Aroclor 1260	83		82		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	102		105		30-150	A
Decachlorobiphenyl	92		91		30-150	A
2,4,5,6-Tetrachloro-m-xylene	107		105		30-150	B
Decachlorobiphenyl	88		87		30-150	B

PESTICIDES

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-01
 Client ID: SB-7 (0.5-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 20:25
 Analyst: JW
 Percent Solids: 89%

Date Collected: 02/27/18 09:45
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 23:04
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.726	0.324	1	A
Alpha-BHC	ND		ug/kg	0.726	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.871	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.980	1	A
Endrin	ND		ug/kg	0.726	0.298	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.762	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	1.85		ug/kg	1.74	0.403	1	B
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	7.33	P	ug/kg	3.26	1.40	1	A
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.726	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	ND		ug/kg	2.18	0.607	1	A
trans-Chlordane	ND		ug/kg	2.18	0.575	1	A
Chlordane	ND		ug/kg	14.1	5.77	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	127		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	124		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-02
 Client ID: SB-7 (4.5-5)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 07:49
 Analyst: JW
 Percent Solids: 100%

Date Collected: 02/27/18 09:53
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 23:04
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.56	0.306	1	A
Lindane	ND		ug/kg	0.650	0.290	1	A
Alpha-BHC	ND		ug/kg	0.650	0.185	1	A
Beta-BHC	ND		ug/kg	1.56	0.592	1	A
Heptachlor	ND		ug/kg	0.780	0.350	1	A
Aldrin	ND		ug/kg	1.56	0.549	1	A
Heptachlor epoxide	ND		ug/kg	2.92	0.878	1	A
Endrin	ND		ug/kg	0.650	0.266	1	A
Endrin aldehyde	ND		ug/kg	1.95	0.682	1	A
Endrin ketone	ND		ug/kg	1.56	0.402	1	A
Dieldrin	ND		ug/kg	0.975	0.488	1	A
4,4'-DDE	ND		ug/kg	1.56	0.361	1	A
4,4'-DDD	ND		ug/kg	1.56	0.556	1	A
4,4'-DDT	ND		ug/kg	2.92	1.25	1	A
Endosulfan I	ND		ug/kg	1.56	0.368	1	A
Endosulfan II	ND		ug/kg	1.56	0.521	1	A
Endosulfan sulfate	ND		ug/kg	0.650	0.309	1	A
Methoxychlor	ND		ug/kg	2.92	0.910	1	A
Toxaphene	ND		ug/kg	29.2	8.19	1	A
cis-Chlordane	ND		ug/kg	1.95	0.543	1	A
trans-Chlordane	ND		ug/kg	1.95	0.515	1	A
Chlordane	ND		ug/kg	12.7	5.17	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	114		30-150	B
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	110		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-03
 Client ID: SB-8 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 08:01
 Analyst: JW
 Percent Solids: 93%

Date Collected: 02/27/18 10:31
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 23:04
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.325	1	A
Lindane	ND		ug/kg	0.692	0.309	1	A
Alpha-BHC	ND		ug/kg	0.692	0.196	1	A
Beta-BHC	ND		ug/kg	1.66	0.629	1	A
Heptachlor	ND		ug/kg	0.830	0.372	1	A
Aldrin	ND		ug/kg	1.66	0.584	1	A
Heptachlor epoxide	ND		ug/kg	3.11	0.934	1	A
Endrin	ND		ug/kg	0.692	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.07	0.726	1	A
Endrin ketone	ND		ug/kg	1.66	0.427	1	A
Dieldrin	ND		ug/kg	1.04	0.519	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.592	1	A
4,4'-DDT	ND		ug/kg	3.11	1.33	1	A
Endosulfan I	ND		ug/kg	1.66	0.392	1	A
Endosulfan II	ND		ug/kg	1.66	0.555	1	A
Endosulfan sulfate	ND		ug/kg	0.692	0.329	1	A
Methoxychlor	ND		ug/kg	3.11	0.968	1	A
Toxaphene	ND		ug/kg	31.1	8.71	1	A
cis-Chlordane	ND		ug/kg	2.07	0.578	1	A
trans-Chlordane	ND		ug/kg	2.07	0.548	1	A
Chlordane	ND		ug/kg	13.5	5.50	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	100		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	93		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-04
 Client ID: SB-8 (10.5-11)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 08:14
 Analyst: JW
 Percent Solids: 88%

Date Collected: 02/27/18 10:45
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 23:04
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.350	1	A
Lindane	ND		ug/kg	0.744	0.332	1	A
Alpha-BHC	ND		ug/kg	0.744	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.677	1	A
Heptachlor	ND		ug/kg	0.893	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.629	1	A
Heptachlor epoxide	ND		ug/kg	3.35	1.00	1	A
Endrin	ND		ug/kg	0.744	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.781	1	A
Endrin ketone	ND		ug/kg	1.78	0.460	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	ND		ug/kg	1.78	0.413	1	A
4,4'-DDD	ND		ug/kg	1.78	0.637	1	A
4,4'-DDT	ND		ug/kg	3.35	1.44	1	A
Endosulfan I	ND		ug/kg	1.78	0.422	1	A
Endosulfan II	ND		ug/kg	1.78	0.597	1	A
Endosulfan sulfate	ND		ug/kg	0.744	0.354	1	A
Methoxychlor	ND		ug/kg	3.35	1.04	1	A
Toxaphene	ND		ug/kg	33.5	9.37	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	A
trans-Chlordane	ND		ug/kg	2.23	0.589	1	A
Chlordane	ND		ug/kg	14.5	5.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	103		30-150	B
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	89		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-05
 Client ID: SB-9 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 20:38
 Analyst: JW
 Percent Solids: 87%

Date Collected: 02/27/18 11:24
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 23:04
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.758	0.339	1	A
Alpha-BHC	ND		ug/kg	0.758	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.690	1	A
Heptachlor	ND		ug/kg	0.909	0.408	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.41	1.02	1	A
Endrin	ND		ug/kg	0.758	0.311	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.796	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	10.2		ug/kg	1.82	0.420	1	B
4,4'-DDD	25.4		ug/kg	1.82	0.648	1	B
4,4'-DDT	15.6		ug/kg	3.41	1.46	1	B
Endosulfan I	ND		ug/kg	1.82	0.430	1	A
Endosulfan II	ND		ug/kg	1.82	0.608	1	A
Endosulfan sulfate	ND		ug/kg	0.758	0.361	1	A
Methoxychlor	ND		ug/kg	3.41	1.06	1	A
Toxaphene	ND		ug/kg	34.1	9.55	1	A
cis-Chlordane	ND		ug/kg	2.27	0.633	1	A
trans-Chlordane	ND		ug/kg	2.27	0.600	1	A
Chlordane	ND		ug/kg	14.8	6.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	116		30-150	B
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	104		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-06
 Client ID: SB-9 (13.5-14)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 08:39
 Analyst: JW
 Percent Solids: 88%

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 23:04
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.80	0.352	1	A
Lindane	ND		ug/kg	0.748	0.334	1	A
Alpha-BHC	ND		ug/kg	0.748	0.212	1	A
Beta-BHC	ND		ug/kg	1.80	0.681	1	A
Heptachlor	ND		ug/kg	0.898	0.402	1	A
Aldrin	ND		ug/kg	1.80	0.632	1	A
Heptachlor epoxide	ND		ug/kg	3.37	1.01	1	A
Endrin	ND		ug/kg	0.748	0.307	1	A
Endrin aldehyde	ND		ug/kg	2.24	0.786	1	A
Endrin ketone	ND		ug/kg	1.80	0.462	1	A
Dieldrin	ND		ug/kg	1.12	0.561	1	A
4,4'-DDE	ND		ug/kg	1.80	0.415	1	A
4,4'-DDD	ND		ug/kg	1.80	0.640	1	A
4,4'-DDT	ND		ug/kg	3.37	1.44	1	A
Endosulfan I	ND		ug/kg	1.80	0.424	1	A
Endosulfan II	ND		ug/kg	1.80	0.600	1	A
Endosulfan sulfate	ND		ug/kg	0.748	0.356	1	A
Methoxychlor	ND		ug/kg	3.37	1.05	1	A
Toxaphene	ND		ug/kg	33.7	9.43	1	A
cis-Chlordane	ND		ug/kg	2.24	0.626	1	A
trans-Chlordane	ND		ug/kg	2.24	0.593	1	A
Chlordane	ND		ug/kg	14.6	5.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	102		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	104		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-07
 Client ID: SB-10 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 20:50
 Analyst: JW
 Percent Solids: 87%

Date Collected: 02/27/18 12:30
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 23:04
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.359	1	A
Lindane	ND		ug/kg	0.763	0.341	1	A
Alpha-BHC	ND		ug/kg	0.763	0.217	1	A
Beta-BHC	ND		ug/kg	1.83	0.694	1	A
Heptachlor	ND		ug/kg	0.916	0.411	1	A
Aldrin	ND		ug/kg	1.83	0.645	1	A
Heptachlor epoxide	ND		ug/kg	3.43	1.03	1	A
Endrin	ND		ug/kg	0.763	0.313	1	A
Endrin aldehyde	ND		ug/kg	2.29	0.801	1	A
Endrin ketone	ND		ug/kg	1.83	0.472	1	A
Dieldrin	ND		ug/kg	1.14	0.572	1	A
4,4'-DDE	8.24		ug/kg	1.83	0.424	1	B
4,4'-DDD	17.0		ug/kg	1.83	0.653	1	B
4,4'-DDT	20.8		ug/kg	3.43	1.47	1	B
Endosulfan I	ND		ug/kg	1.83	0.433	1	A
Endosulfan II	ND		ug/kg	1.83	0.612	1	A
Endosulfan sulfate	ND		ug/kg	0.763	0.363	1	A
Methoxychlor	ND		ug/kg	3.43	1.07	1	A
Toxaphene	ND		ug/kg	34.3	9.62	1	A
cis-Chlordane	2.84		ug/kg	2.29	0.638	1	B
trans-Chlordane	1.83	J	ug/kg	2.29	0.604	1	B
Chlordane	ND		ug/kg	14.9	6.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	113		30-150	B
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	97		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-08
 Client ID: SB-10 (9.5-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 21:03
 Analyst: JW
 Percent Solids: 85%

Date Collected: 02/27/18 12:36
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 23:04
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.84	0.360	1	A
Lindane	ND		ug/kg	0.765	0.342	1	A
Alpha-BHC	ND		ug/kg	0.765	0.217	1	A
Beta-BHC	ND		ug/kg	1.84	0.696	1	A
Heptachlor	ND		ug/kg	0.918	0.412	1	A
Aldrin	ND		ug/kg	1.84	0.646	1	A
Heptachlor epoxide	ND		ug/kg	3.44	1.03	1	A
Endrin	ND		ug/kg	0.765	0.314	1	A
Endrin aldehyde	ND		ug/kg	2.30	0.803	1	A
Endrin ketone	ND		ug/kg	1.84	0.473	1	A
Dieldrin	ND		ug/kg	1.15	0.574	1	A
4,4'-DDE	ND		ug/kg	1.84	0.425	1	A
4,4'-DDD	ND		ug/kg	1.84	0.655	1	A
4,4'-DDT	ND		ug/kg	3.44	1.48	1	A
Endosulfan I	ND		ug/kg	1.84	0.434	1	A
Endosulfan II	ND		ug/kg	1.84	0.614	1	A
Endosulfan sulfate	ND		ug/kg	0.765	0.364	1	A
Methoxychlor	ND		ug/kg	3.44	1.07	1	A
Toxaphene	ND		ug/kg	34.4	9.64	1	A
cis-Chlordane	ND		ug/kg	2.30	0.640	1	A
trans-Chlordane	ND		ug/kg	2.30	0.606	1	A
Chlordane	ND		ug/kg	14.9	6.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	106		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	98		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-09
 Client ID: DUP-SOIL
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Analytical Method: 1,8081B
 Analytical Date: 03/06/18 09:17
 Analyst: JW
 Percent Solids: 93%

Date Collected: 02/27/18 10:32
 Date Received: 02/28/18
 Field Prep: Not Specified
 Extraction Method: EPA 3546
 Extraction Date: 03/01/18 23:04
 Cleanup Method: EPA 3620B
 Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.200	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.953	1	A
Endrin	ND		ug/kg	0.706	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.604	1	A
4,4'-DDT	ND		ug/kg	3.18	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.400	1	A
Endosulfan II	ND		ug/kg	1.70	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.559	1	A
Chlordane	ND		ug/kg	13.8	5.61	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	110		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	93		30-150	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/02/18 10:00
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 03/01/18 23:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-09 Batch: WG1093714-1						
Delta-BHC	ND		ug/kg	1.51	0.295	A
Lindane	ND		ug/kg	0.628	0.281	A
Alpha-BHC	ND		ug/kg	0.628	0.178	A
Beta-BHC	ND		ug/kg	1.51	0.571	A
Heptachlor	ND		ug/kg	0.753	0.338	A
Aldrin	ND		ug/kg	1.51	0.530	A
Heptachlor epoxide	ND		ug/kg	2.82	0.847	A
Endrin	ND		ug/kg	0.628	0.257	A
Endrin aldehyde	ND		ug/kg	1.88	0.659	A
Endrin ketone	ND		ug/kg	1.51	0.388	A
Dieldrin	ND		ug/kg	0.942	0.471	A
4,4'-DDE	ND		ug/kg	1.51	0.348	A
4,4'-DDD	ND		ug/kg	1.51	0.537	A
4,4'-DDT	ND		ug/kg	2.82	1.21	A
Endosulfan I	ND		ug/kg	1.51	0.356	A
Endosulfan II	ND		ug/kg	1.51	0.503	A
Endosulfan sulfate	ND		ug/kg	0.628	0.299	A
Methoxychlor	ND		ug/kg	2.82	0.879	A
Toxaphene	ND		ug/kg	28.2	7.91	A
cis-Chlordane	ND		ug/kg	1.88	0.525	A
trans-Chlordane	ND		ug/kg	1.88	0.497	A
Chlordane	ND		ug/kg	12.2	4.99	A

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 03/02/18 10:00
Analyst: KEG

Extraction Method: EPA 3546
Extraction Date: 03/01/18 23:04
Cleanup Method: EPA 3620B
Cleanup Date: 03/02/18

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-09 Batch: WG1093714-1						

Surrogate	%Recovery	Qualifier	Acceptance	
			Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	116		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	94		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-09 Batch: WG1093714-2 WG1093714-3									
Delta-BHC	114		108		30-150	5		30	A
Lindane	108		103		30-150	5		30	A
Alpha-BHC	109		105		30-150	4		30	A
Beta-BHC	92		92		30-150	0		30	A
Heptachlor	80		77		30-150	4		30	A
Aldrin	101		97		30-150	4		30	A
Heptachlor epoxide	100		96		30-150	4		30	A
Endrin	105		99		30-150	6		30	A
Endrin aldehyde	73		70		30-150	4		30	A
Endrin ketone	91		87		30-150	4		30	A
Dieldrin	110		105		30-150	5		30	A
4,4'-DDE	103		98		30-150	5		30	A
4,4'-DDD	106		100		30-150	6		30	A
4,4'-DDT	111		105		30-150	6		30	A
Endosulfan I	100		95		30-150	5		30	A
Endosulfan II	99		94		30-150	5		30	A
Endosulfan sulfate	79		76		30-150	4		30	A
Methoxychlor	93		94		30-150	1		30	A
cis-Chlordane	86		82		30-150	5		30	A
trans-Chlordane	103		98		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-09 Batch: WG1093714-2 WG1093714-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		96		30-150	B
Decachlorobiphenyl	116		109		30-150	B
2,4,5,6-Tetrachloro-m-xylene	89		84		30-150	A
Decachlorobiphenyl	106		99		30-150	A

METALS

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-01
 Client ID: SB-7 (0.5-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 89%

Date Collected: 02/27/18 09:45
 Date Received: 02/28/18
 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	9230		mg/kg	8.61	2.32	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Antimony, Total	0.887	J	mg/kg	4.30	0.327	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Arsenic, Total	3.62		mg/kg	0.861	0.179	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Barium, Total	97.4		mg/kg	0.861	0.150	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Beryllium, Total	0.215	J	mg/kg	0.430	0.028	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Cadmium, Total	0.663	J	mg/kg	0.861	0.084	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Calcium, Total	11300		mg/kg	8.61	3.01	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Chromium, Total	23.6		mg/kg	0.861	0.083	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Cobalt, Total	9.64		mg/kg	1.72	0.143	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Copper, Total	114		mg/kg	0.861	0.222	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Iron, Total	19000		mg/kg	4.30	0.778	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Lead, Total	134		mg/kg	4.30	0.231	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Magnesium, Total	6580		mg/kg	8.61	1.33	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Manganese, Total	260		mg/kg	0.861	0.137	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Mercury, Total	0.48		mg/kg	0.07	0.02	1	03/01/18 06:30	03/01/18 12:55	EPA 7471B	1,7471B	MG
Nickel, Total	18.0		mg/kg	2.15	0.208	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Potassium, Total	2140		mg/kg	215	12.4	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.72	0.222	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.861	0.244	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Sodium, Total	197		mg/kg	172	2.71	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.72	0.271	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Vanadium, Total	43.1		mg/kg	0.861	0.175	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB
Zinc, Total	374		mg/kg	4.30	0.252	2	03/01/18 21:00	03/06/18 21:01	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-02
 Client ID: SB-7 (4.5-5)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 100%

Date Collected: 02/27/18 09:53
 Date Received: 02/28/18
 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	14600		mg/kg	7.96	2.15	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	3.98	0.302	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Arsenic, Total	0.931		mg/kg	0.796	0.166	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Barium, Total	84.8		mg/kg	0.796	0.138	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Beryllium, Total	0.143	J	mg/kg	0.398	0.026	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.796	0.078	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Calcium, Total	2230		mg/kg	7.96	2.78	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Chromium, Total	54.1		mg/kg	0.796	0.076	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Cobalt, Total	10.8		mg/kg	1.59	0.132	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Copper, Total	33.5		mg/kg	0.796	0.205	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Iron, Total	18500		mg/kg	3.98	0.718	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Lead, Total	4.11		mg/kg	3.98	0.213	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Magnesium, Total	7870		mg/kg	7.96	1.22	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Manganese, Total	198		mg/kg	0.796	0.126	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Mercury, Total	ND		mg/kg	0.06	0.01	1	03/01/18 06:30	03/01/18 13:00	EPA 7471B	1,7471B	MG
Nickel, Total	28.4		mg/kg	1.99	0.192	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Potassium, Total	6780		mg/kg	199	11.4	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.59	0.205	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.796	0.225	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Sodium, Total	75.4	J	mg/kg	159	2.51	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.59	0.251	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Vanadium, Total	49.0		mg/kg	0.796	0.162	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB
Zinc, Total	61.0		mg/kg	3.98	0.233	2	03/01/18 21:00	03/06/18 21:06	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-03
 Client ID: SB-8 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Date Collected: 02/27/18 10:31
 Date Received: 02/28/18
 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	15500		mg/kg	8.55	2.31	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.28	0.325	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Arsenic, Total	2.31		mg/kg	0.855	0.178	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Barium, Total	246		mg/kg	0.855	0.149	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Beryllium, Total	0.214	J	mg/kg	0.428	0.028	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.855	0.084	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Calcium, Total	3080		mg/kg	8.55	2.99	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Chromium, Total	36.6		mg/kg	0.855	0.082	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Cobalt, Total	10.2		mg/kg	1.71	0.142	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Copper, Total	23.7		mg/kg	0.855	0.221	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Iron, Total	20800		mg/kg	4.28	0.772	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Lead, Total	10.2		mg/kg	4.28	0.229	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Magnesium, Total	8270		mg/kg	8.55	1.32	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Manganese, Total	255		mg/kg	0.855	0.136	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Mercury, Total	0.03	J	mg/kg	0.07	0.01	1	03/01/18 06:30	03/01/18 13:02	EPA 7471B	1,7471B	MG
Nickel, Total	17.9		mg/kg	2.14	0.207	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Potassium, Total	7710		mg/kg	214	12.3	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.71	0.221	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.855	0.242	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Sodium, Total	187		mg/kg	171	2.69	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.71	0.269	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Vanadium, Total	41.7		mg/kg	0.855	0.174	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB
Zinc, Total	69.3		mg/kg	4.28	0.250	2	03/01/18 21:00	03/06/18 21:11	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-04
 Client ID: SB-8 (10.5-11)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 02/27/18 10:45
 Date Received: 02/28/18
 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	10000		mg/kg	8.98	2.42	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Antimony, Total	0.458	J	mg/kg	4.49	0.341	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Arsenic, Total	2.34		mg/kg	0.898	0.187	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Barium, Total	76.6		mg/kg	0.898	0.156	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Beryllium, Total	0.359	J	mg/kg	0.449	0.030	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.898	0.088	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Calcium, Total	2720		mg/kg	8.98	3.14	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Chromium, Total	16.1		mg/kg	0.898	0.086	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Cobalt, Total	6.53		mg/kg	1.80	0.149	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Copper, Total	18.3		mg/kg	0.898	0.232	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Iron, Total	15200		mg/kg	4.49	0.811	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Lead, Total	48.3		mg/kg	4.49	0.241	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Magnesium, Total	4020		mg/kg	8.98	1.38	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Manganese, Total	346		mg/kg	0.898	0.143	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Mercury, Total	0.24		mg/kg	0.07	0.02	1	03/01/18 06:30	03/01/18 13:04	EPA 7471B	1,7471B	MG
Nickel, Total	12.9		mg/kg	2.25	0.217	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Potassium, Total	873		mg/kg	225	12.9	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.80	0.232	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.898	0.254	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Sodium, Total	166	J	mg/kg	180	2.83	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.80	0.283	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Vanadium, Total	20.8		mg/kg	0.898	0.182	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB
Zinc, Total	42.4		mg/kg	4.49	0.263	2	03/01/18 21:00	03/06/18 21:16	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-05
 Client ID: SB-9 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 02/27/18 11:24
 Date Received: 02/28/18
 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	9640		mg/kg	9.16	2.47	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Antimony, Total	0.494	J	mg/kg	4.58	0.348	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Arsenic, Total	3.31		mg/kg	0.916	0.190	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Barium, Total	97.3		mg/kg	0.916	0.159	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Beryllium, Total	0.302	J	mg/kg	0.458	0.030	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Cadmium, Total	0.339	J	mg/kg	0.916	0.090	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Calcium, Total	14000		mg/kg	9.16	3.20	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Chromium, Total	27.3		mg/kg	0.916	0.088	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Cobalt, Total	8.63		mg/kg	1.83	0.152	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Copper, Total	40.5		mg/kg	0.916	0.236	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Iron, Total	15500		mg/kg	4.58	0.827	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Lead, Total	140		mg/kg	4.58	0.245	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Magnesium, Total	6240		mg/kg	9.16	1.41	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Manganese, Total	295		mg/kg	0.916	0.146	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Mercury, Total	1.2		mg/kg	0.07	0.02	1	03/01/18 06:30	03/01/18 13:05	EPA 7471B	1,7471B	MG
Nickel, Total	15.5		mg/kg	2.29	0.222	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Potassium, Total	2280		mg/kg	229	13.2	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Selenium, Total	0.266	J	mg/kg	1.83	0.236	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.916	0.259	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Sodium, Total	226		mg/kg	183	2.88	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.83	0.288	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Vanadium, Total	30.0		mg/kg	0.916	0.186	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB
Zinc, Total	139		mg/kg	4.58	0.268	2	03/01/18 21:00	03/06/18 22:00	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-06
 Client ID: SB-9 (13.5-14)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 88%

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 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	13400		mg/kg	8.76	2.36	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.38	0.333	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Arsenic, Total	0.254	J	mg/kg	0.876	0.182	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Barium, Total	201		mg/kg	0.876	0.152	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Beryllium, Total	ND		mg/kg	0.438	0.029	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.876	0.086	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Calcium, Total	2700		mg/kg	8.76	3.06	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Chromium, Total	11.2		mg/kg	0.876	0.084	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Cobalt, Total	19.9		mg/kg	1.75	0.145	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Copper, Total	27.0		mg/kg	0.876	0.226	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Iron, Total	21900		mg/kg	4.38	0.791	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Lead, Total	1.06	J	mg/kg	4.38	0.235	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Magnesium, Total	8260		mg/kg	8.76	1.35	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Manganese, Total	201		mg/kg	0.876	0.139	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Mercury, Total	0.10		mg/kg	0.07	0.02	1	03/01/18 06:30	03/01/18 13:07	EPA 7471B	1,7471B	MG
Nickel, Total	20.9		mg/kg	2.19	0.212	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Potassium, Total	6090		mg/kg	219	12.6	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.75	0.226	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.876	0.248	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Sodium, Total	137	J	mg/kg	175	2.76	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.75	0.276	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Vanadium, Total	78.9		mg/kg	0.876	0.178	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB
Zinc, Total	74.2		mg/kg	4.38	0.257	2	03/01/18 21:00	03/06/18 22:05	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-07
 Client ID: SB-10 (1-2)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 87%

Date Collected: 02/27/18 12:30
 Date Received: 02/28/18
 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	10300		mg/kg	9.04	2.44	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Antimony, Total	0.750	J	mg/kg	4.52	0.344	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Arsenic, Total	3.45		mg/kg	0.904	0.188	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Barium, Total	123		mg/kg	0.904	0.157	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Beryllium, Total	0.289	J	mg/kg	0.452	0.030	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Cadmium, Total	0.497	J	mg/kg	0.904	0.089	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Calcium, Total	12300		mg/kg	9.04	3.16	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Chromium, Total	23.5		mg/kg	0.904	0.087	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Cobalt, Total	8.43		mg/kg	1.81	0.150	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Copper, Total	60.0		mg/kg	0.904	0.233	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Iron, Total	16500		mg/kg	4.52	0.816	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Lead, Total	203		mg/kg	4.52	0.242	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Magnesium, Total	7390		mg/kg	9.04	1.39	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Manganese, Total	300		mg/kg	0.904	0.144	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Mercury, Total	0.59		mg/kg	0.07	0.02	1	03/01/18 06:30	03/01/18 13:09	EPA 7471B	1,7471B	MG
Nickel, Total	15.2		mg/kg	2.26	0.219	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Potassium, Total	2440		mg/kg	226	13.0	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.81	0.233	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.904	0.256	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Sodium, Total	195		mg/kg	181	2.85	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.81	0.285	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Vanadium, Total	32.7		mg/kg	0.904	0.184	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB
Zinc, Total	192		mg/kg	4.52	0.265	2	03/01/18 21:00	03/06/18 22:10	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-08
 Client ID: SB-10 (9.5-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 85%

Date Collected: 02/27/18 12:36
 Date Received: 02/28/18
 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	10200		mg/kg	9.36	2.52	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.68	0.356	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Arsenic, Total	1.31		mg/kg	0.936	0.194	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Barium, Total	52.0		mg/kg	0.936	0.163	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Beryllium, Total	0.571		mg/kg	0.468	0.031	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.936	0.092	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Calcium, Total	13300		mg/kg	9.36	3.27	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Chromium, Total	23.6		mg/kg	0.936	0.090	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Cobalt, Total	10.6		mg/kg	1.87	0.155	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Copper, Total	22.9		mg/kg	0.936	0.241	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Iron, Total	16600		mg/kg	4.68	0.845	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Lead, Total	8.15		mg/kg	4.68	0.251	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Magnesium, Total	12300		mg/kg	9.36	1.44	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Manganese, Total	461		mg/kg	0.936	0.149	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Mercury, Total	0.04	J	mg/kg	0.07	0.02	1	03/01/18 06:30	03/01/18 13:11	EPA 7471B	1,7471B	MG
Nickel, Total	17.0		mg/kg	2.34	0.226	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Potassium, Total	2260		mg/kg	234	13.5	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.87	0.241	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.936	0.265	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Sodium, Total	147	J	mg/kg	187	2.95	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.87	0.295	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Vanadium, Total	31.2		mg/kg	0.936	0.190	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB
Zinc, Total	58.7		mg/kg	4.68	0.274	2	03/01/18 21:00	03/06/18 22:15	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-09
 Client ID: DUP-SOIL
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil
 Percent Solids: 93%

Date Collected: 02/27/18 10:32
 Date Received: 02/28/18
 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	17100		mg/kg	8.59	2.32	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Antimony, Total	ND		mg/kg	4.30	0.326	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Arsenic, Total	1.85		mg/kg	0.859	0.179	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Barium, Total	284		mg/kg	0.859	0.149	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Beryllium, Total	0.215	J	mg/kg	0.430	0.028	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Cadmium, Total	ND		mg/kg	0.859	0.084	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Calcium, Total	3600		mg/kg	8.59	3.01	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Chromium, Total	40.1		mg/kg	0.859	0.083	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Cobalt, Total	10.9		mg/kg	1.72	0.143	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Copper, Total	26.5		mg/kg	0.859	0.222	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Iron, Total	22500		mg/kg	4.30	0.776	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Lead, Total	12.7		mg/kg	4.30	0.230	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Magnesium, Total	9610		mg/kg	8.59	1.32	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Manganese, Total	276		mg/kg	0.859	0.137	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Mercury, Total	0.05	J	mg/kg	0.07	0.01	1	03/01/18 06:30	03/01/18 13:13	EPA 7471B	1,7471B	MG
Nickel, Total	17.6		mg/kg	2.15	0.208	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Potassium, Total	8600		mg/kg	215	12.4	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Selenium, Total	ND		mg/kg	1.72	0.222	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Silver, Total	ND		mg/kg	0.859	0.243	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Sodium, Total	205		mg/kg	172	2.71	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Thallium, Total	ND		mg/kg	1.72	0.271	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Vanadium, Total	44.4		mg/kg	0.859	0.174	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB
Zinc, Total	69.3		mg/kg	4.30	0.252	2	03/01/18 21:00	03/06/18 22:19	EPA 3050B	1,6010C	AB



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

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): 01-09 Batch: WG1093364-1									
Mercury, Total	ND	mg/kg	0.08	0.02	1	03/01/18 06:30	03/01/18 12:44	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): 01-09 Batch: WG1093639-1										
Aluminum, Total	ND	mg/kg	4.00	1.08	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Antimony, Total	ND	mg/kg	2.00	0.152	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Arsenic, Total	ND	mg/kg	0.400	0.083	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Barium, Total	ND	mg/kg	0.400	0.070	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Beryllium, Total	ND	mg/kg	0.200	0.013	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Cadmium, Total	ND	mg/kg	0.400	0.039	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Calcium, Total	ND	mg/kg	4.00	1.40	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Chromium, Total	ND	mg/kg	0.400	0.038	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Cobalt, Total	ND	mg/kg	0.800	0.066	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Copper, Total	ND	mg/kg	0.400	0.103	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Iron, Total	0.368	J	mg/kg	2.00	0.361	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB
Lead, Total	ND	mg/kg	2.00	0.107	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Magnesium, Total	ND	mg/kg	4.00	0.616	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Manganese, Total	ND	mg/kg	0.400	0.064	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Nickel, Total	ND	mg/kg	1.00	0.097	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Potassium, Total	ND	mg/kg	100	5.76	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Selenium, Total	ND	mg/kg	0.800	0.103	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Silver, Total	ND	mg/kg	0.400	0.113	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Sodium, Total	1.84	J	mg/kg	80.0	1.26	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB
Thallium, Total	0.160	J	mg/kg	0.800	0.126	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB
Vanadium, Total	ND	mg/kg	0.400	0.081	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	
Zinc, Total	ND	mg/kg	2.00	0.117	1	03/01/18 21:00	03/02/18 18:24	1,6010C	AB	

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1093364-2 SRM Lot Number: D098-540								
Mercury, Total	109		-		50-149	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1093639-2 SRM Lot Number: D098-540					
Aluminum, Total	79	-	47-153	-	
Antimony, Total	139	-	6-194	-	
Arsenic, Total	98	-	83-117	-	
Barium, Total	93	-	82-118	-	
Beryllium, Total	95	-	83-117	-	
Cadmium, Total	101	-	82-117	-	
Calcium, Total	96	-	81-118	-	
Chromium, Total	94	-	83-119	-	
Cobalt, Total	100	-	84-116	-	
Copper, Total	95	-	84-116	-	
Iron, Total	96	-	60-140	-	
Lead, Total	93	-	82-117	-	
Magnesium, Total	95	-	76-124	-	
Manganese, Total	97	-	82-118	-	
Nickel, Total	98	-	82-117	-	
Potassium, Total	86	-	69-131	-	
Selenium, Total	98	-	78-121	-	
Silver, Total	96	-	80-120	-	
Sodium, Total	99	-	74-126	-	
Thallium, Total	98	-	80-119	-	
Vanadium, Total	95	-	79-121	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 Batch: WG1093639-2 SRM Lot Number: D098-540					
Zinc, Total	97	-	81-119	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

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): 01-09 QC Batch ID: WG1093364-3 QC Sample: L1806744-03 Client ID: MS Sample												
Mercury, Total	0.02J	0.159	0.22	138	Q	-	-		80-120	-		20

Matrix Spike Analysis Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

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): 01-09 QC Batch ID: WG1093639-3 QC Sample: L1806959-01 Client ID: MS Sample									
Aluminum, Total	11300	166	10300	0	Q	-	75-125	-	20
Antimony, Total	0.654J	41.6	39.7	95		-	75-125	-	20
Arsenic, Total	3.87	9.99	12.7	88		-	75-125	-	20
Barium, Total	138.	166	280	85		-	75-125	-	20
Beryllium, Total	0.204J	4.16	4.35	104		-	75-125	-	20
Cadmium, Total	1.09	4.25	4.90	90		-	75-125	-	20
Calcium, Total	37900	833	19100	0	Q	-	75-125	-	20
Chromium, Total	45.6	16.6	42.4	0	Q	-	75-125	-	20
Cobalt, Total	11.2	41.6	49.0	91		-	75-125	-	20
Copper, Total	51.6	20.8	48.0	0	Q	-	75-125	-	20
Iron, Total	24100	83.3	16900	0	Q	-	75-125	-	20
Lead, Total	18.0	42.5	55.3	88		-	75-125	-	20
Magnesium, Total	8320	833	7410	0	Q	-	75-125	-	20
Manganese, Total	349.	41.6	281	0	Q	-	75-125	-	20
Nickel, Total	30.2	41.6	59.3	70	Q	-	75-125	-	20
Potassium, Total	5650	833	5640	0	Q	-	75-125	-	20
Selenium, Total	0.540J	9.99	10.4	104		-	75-125	-	20
Silver, Total	ND	25	27.6	110		-	75-125	-	20
Sodium, Total	475.	833	1360	106		-	75-125	-	20
Thallium, Total	ND	9.99	8.06	81		-	75-125	-	20
Vanadium, Total	45.0	41.6	78.0	79		-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Lab Number: L1806944
Report Date: 03/07/18

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): 01-09 QC Batch ID: WG1093639-3 QC Sample: L1806959-01 Client ID: MS Sample										
Zinc, Total	60.1	41.6	91.0	74	Q	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: BRONX PHASE II

Project Number: 12.0076605.00

Lab Number: L1806944

Report Date: 03/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1093364-4 QC Sample: L1806744-03 Client ID: DUP Sample						
Mercury, Total	0.02J	0.02J	mg/kg	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Project Number: 12.0076605.00

Lab Number: L1806944

Report Date: 03/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1093639-4 QC Sample: L1806959-01 Client ID: DUP Sample					
Aluminum, Total	11300	10400	mg/kg	8	20
Antimony, Total	0.654J	0.489J	mg/kg	NC	20
Arsenic, Total	3.87	2.84	mg/kg	31	Q 20
Barium, Total	138.	137	mg/kg	1	20
Beryllium, Total	0.204J	0.717	mg/kg	NC	20
Cadmium, Total	1.09	0.700J	mg/kg	NC	20
Calcium, Total	37900	32000	mg/kg	17	20
Chromium, Total	45.6	27.0	mg/kg	51	Q 20
Cobalt, Total	11.2	9.84	mg/kg	13	20
Copper, Total	51.6	34.9	mg/kg	39	Q 20
Iron, Total	24100	16200	mg/kg	39	Q 20
Lead, Total	18.0	23.9	mg/kg	28	Q 20
Magnesium, Total	8320	7390	mg/kg	12	20
Manganese, Total	349.	244	mg/kg	35	Q 20
Nickel, Total	30.2	23.9	mg/kg	23	Q 20
Potassium, Total	5650	4860	mg/kg	15	20
Selenium, Total	0.540J	0.506J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	475.	407	mg/kg	15	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: BRONX PHASE II

Project Number: 12.0076605.00

Lab Number: L1806944

Report Date: 03/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-09 QC Batch ID: WG1093639-4 QC Sample: L1806959-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	45.0	33.3	mg/kg	30 Q	20
Zinc, Total	60.1	162	mg/kg	92 Q	20

INORGANICS & MISCELLANEOUS

Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-01
 Client ID: SB-7 (0.5-1)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 09:45
 Date Received: 02/28/18
 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	89.2		%	0.100	NA	1	-	03/02/18 09:40	121,2540G	RI



Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-02

Date Collected: 02/27/18 09:53

Client ID: SB-7 (4.5-5)

Date Received: 02/28/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	99.5		%	0.100	NA	1	-	03/02/18 09:40	121,2540G	RI



Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-03

Date Collected: 02/27/18 10:31

Client ID: SB-8 (1-2)

Date Received: 02/28/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.4		%	0.100	NA	1	-	03/02/18 09:40	121,2540G	RI



Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-04
 Client ID: SB-8 (10.5-11)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 10:45
 Date Received: 02/28/18
 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	88.2		%	0.100	NA	1	-	03/02/18 09:40	121,2540G	RI



Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-05

Date Collected: 02/27/18 11:24

Client ID: SB-9 (1-2)

Date Received: 02/28/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

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	-	03/02/18 09:40	121,2540G	RI



Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-06
 Client ID: SB-9 (13.5-14)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 11:32
 Date Received: 02/28/18
 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	88.1		%	0.100	NA	1	-	03/02/18 09:40	121,2540G	RI



Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-07

Date Collected: 02/27/18 12:30

Client ID: SB-10 (1-2)

Date Received: 02/28/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

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	-	03/02/18 09:40	121,2540G	RI



Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-08
 Client ID: SB-10 (9.5-10)
 Sample Location: 180 E. 132ND ST., BRONX, NY
 Sample Depth:
 Matrix: Soil

Date Collected: 02/27/18 12:36
 Date Received: 02/28/18
 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	84.7		%	0.100	NA	1	-	03/02/18 09:40	121,2540G	RI



Project Name: BRONX PHASE II

Lab Number: L1806944

Project Number: 12.0076605.00

Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806944-09

Date Collected: 02/27/18 10:32

Client ID: DUP-SOIL

Date Received: 02/28/18

Sample Location: 180 E. 132ND ST., BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.6		%	0.100	NA	1	-	03/02/18 09:40	121,2540G	RI



Lab Duplicate Analysis
Batch Quality Control

Project Name: BRONX PHASE II

Project Number: 12.0076605.00

Lab Number: L1806944

Report Date: 03/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-09 QC Batch ID: WG1093828-1 QC Sample: L1806942-11 Client ID: DUP Sample						
Solids, Total	79.5	77.4	%	3		20

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Serial_No:03071816:40
Lab Number: L1806944
Report Date: 03/07/18

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(*)
L1806944-01A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1806944-01B	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-01C	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-01D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L1806944-01E	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)
L1806944-01F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806944-02A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1806944-02B	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-02C	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-02D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L1806944-02E	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)
L1806944-02F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806944-03A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1806944-03B	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-03C	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-03D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days



Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Serial_No: 03071816:40
Lab Number: L1806944
Report Date: 03/07/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806944-03E	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)
L1806944-03F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806944-04A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1806944-04B	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-04C	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-04D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L1806944-04E	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)
L1806944-04F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806944-05A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1806944-05B	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-05C	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-05D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L1806944-05E	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)
L1806944-05F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806944-06A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1806944-06B	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-06C	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-06D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Serial_No:03071816:40
Lab Number: L1806944
Report Date: 03/07/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806944-06E	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)
L1806944-06F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806944-07A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1806944-07B	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-07C	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-07D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L1806944-07E	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)
L1806944-07F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806944-08A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1806944-08B	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-08C	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-08D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)
L1806944-08E	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)
L1806944-08F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L1806944-09A	Vial MeOH preserved	A	NA		2.2	Y	Absent		NYTCL-8260HLW(14)
L1806944-09B	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-09C	Vial water preserved	A	NA		2.2	Y	Absent	01-MAR-18 06:59	NYTCL-8260HLW(14)
L1806944-09D	Plastic 2oz unpreserved for TS	A	NA		2.2	Y	Absent		TS(7)

Project Name: BRONX PHASE II
Project Number: 12.0076605.00

Serial_No:03071816:40
Lab Number: L1806944
Report Date: 03/07/18

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1806944-09E	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)
L1806944-09F	Glass 250ml/8oz unpreserved	A	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)

Project Name: BRONX PHASE II
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GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

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

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

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

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

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related

Report Format: DU Report with 'J' Qualifiers



Project Name: BRONX PHASE II
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Data Qualifiers

projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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Project Name: BRONX PHASE II
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Lab Number: L1806944
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REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

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

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

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

EPA 300: DW: Bromide

EPA 6860: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

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

Mansfield Facility

SM 2540D: TSS

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: Chloride, 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: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, 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, SM9222D.**

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Be, Cd, Cr, Cu, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522.**

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 JERSEY 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 1	Date Rec'd in Lab	2/28/18	ALPHA JOB#	L1806944												
		of 1																
Client Information Client: <u>GZA GeoEnvironmental</u> Address: <u>55 Lane Road</u> <u>Fairfield, NJ</u> Phone: <u>(973) 774-3300</u> Fax: _____ Email: <u>Sandra.huber@gza.com</u>		Project Information Project Name: <u>Bronx Phase II</u> Project Location: <u>180 E 132nd St, Bronx, NY</u> Project # <u>12-0076605-00</u> (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input checked="" type="checkbox"/> NJ Full / Reduced <input type="checkbox"/> EQuIS (1 File) <input type="checkbox"/> EQuIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO # _____												
Project Manager: <u>Sandra Huber</u> ALPHAQuote #: _____ Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: _____ Rush (only if pre approved) <input type="checkbox"/> # of Days: _____		Regulatory Requirement <input type="checkbox"/> 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 checked="" type="checkbox"/> Other <u>NY</u>		Site Information Is this site impacted by Petroleum? Yes <input type="checkbox"/> Petroleum Product: _____														
These samples have been previously analyzed by Alpha <input type="checkbox"/>		ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below)		Total Bottles												
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.		NYTCL-8620 Total Hg Total Metals Total Solids PEST, PCB, NYTCL-8270												
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials													
	SB-7(0.5-1)	2/27/18	0945	S	cm	X	X	X	X									6
	SB-7(4.5-5)	2/27/18	0953	S	cm	X	X	X	X									6
	SB-8(1-2)	2/27/18	1031	S	cm	X	X	X	X									6
	SB-8(10.5-11)	2/27/18	1045	S	cm	X	X	X	X									6
	SB-9(1-2)	2/27/18	1124	S	cm	X	X	X	X									6
	SB-9(13.5-14)	2/27/18	1132	S	cm	X	X	X	X									6
	SB-10(1-2)	2/27/18	1230	S	cm	X	X	X	X									6
	SB-10(9.5-10)	2/27/18	1236	S	cm	X	X	X	X									6
	DVP-SOIL	2/27/18	1032	S	cm	X	X	X	X									6
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 A P A		Preservative A A A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)								
Relinquished By: <u>Camp MW</u>		Date/Time 2/28/18 11:50		Received By: <u>[Signature]</u>		Date/Time 2/28/18 11:50												
<u>[Signature]</u>		2/28/18 17:20		<u>[Signature]</u>		2/28/18 18:00												
<u>[Signature]</u>		2/28/18 03:00		<u>[Signature]</u>		2/28/18 23:00												



APPENDIX G



ANALYTICAL REPORT

Lab Number:	L1806981
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Sandra Huber
Phone:	(973) 774-3300
Project Name:	180 EAST 132ND
Project Number:	12.0076605.00
Report Date:	03/07/18

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-MA030), NH NELAP (2062), NJ NELAP (MA015), CT (PH-0141), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-13-00067), USFWS (Permit #LE2069641).

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



Project Name: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1806981-01	SG-1	SOIL_VAPOR	BRONX, NY	02/26/18 13:29	02/28/18
L1806981-02	SG-2	SOIL_VAPOR	BRONX, NY	02/26/18 14:09	02/28/18
L1806981-03	SG-3	SOIL_VAPOR	BRONX, NY	02/26/18 16:19	02/28/18
L1806981-04	SG-4	SOIL_VAPOR	BRONX, NY	02/27/18 11:08	02/28/18
L1806981-05	SG-5	SOIL_VAPOR	BRONX, NY	02/27/18 11:49	02/28/18
L1806981-06	SG-6	SOIL_VAPOR	BRONX, NY	02/27/18 12:49	02/28/18
L1806981-07	SG-7	SOIL_VAPOR	BRONX, NY	02/27/18 13:57	02/28/18
L1806981-08	SG-8	SOIL_VAPOR	BRONX, NY	02/27/18 14:27	02/28/18

Project Name: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

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: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 23, 2018. The canister certification results are provided as an addendum.

L1806981-01 through -08: The samples have elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the samples.

L1806981-03 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.

L1806981-05 and -08 results for Acetone should be considered estimated due to co-elution with a non-target peak.

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: 03/07/18

AIR

Project Name: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806981-01 D
 Client ID: SG-1
 Sample Location: BRONX, NY
 Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 03/06/18 18:40
 Analyst: RY

Date Collected: 02/26/18 13:29
 Date Received: 02/28/18
 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	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethyl Alcohol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	28.7	10.0	--	68.2	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
iso-Propyl Alcohol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
tert-Butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	6.88	2.00	--	21.4	6.23	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	25.1	5.00	--	74.0	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-01 D

Date Collected: 02/26/18 13:29

Client ID: SG-1

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	4.00	2.00	--	15.1	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-01 D

Date Collected: 02/26/18 13:29

Client ID: SG-1

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	85		60-140
chlorobenzene-d5	83		60-140



Project Name: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806981-02 D
 Client ID: SG-2
 Sample Location: BRONX, NY
 Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 03/06/18 19:17
 Analyst: RY

Date Collected: 02/26/18 14:09
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.428	0.400	--	2.12	1.98	--		2
Chloromethane	0.486	0.400	--	1.00	0.826	--		2
1,2-Dichloro-1,1,2,2-tetrafluoroethane	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
Ethyl Alcohol	ND	10.0	--	ND	18.8	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	23.7	2.00	--	56.3	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
iso-Propyl Alcohol	ND	1.00	--	ND	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
tert-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
1,1,2-Trichloro-1,2,2-Trifluoroethane	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	6.15	1.00	--	18.1	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: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-02 D

Date Collected: 02/26/18 14:09

Client ID: SG-2

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.400	--	ND	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	ND	0.400	--	ND	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	0.546	0.400	--	2.06	1.51	--		2
2-Hexanone	ND	0.400	--	ND	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	ND	0.400	--	ND	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



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-02 D

Date Collected: 02/26/18 14:09

Client ID: SG-2

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.400	--	ND	1.70	--		2
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	86		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	86		60-140



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-03 D

Date Collected: 02/26/18 16:19

Client ID: SG-3

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 03/06/18 20:30

Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	40.0	2.00	--	102	5.11	--		10
1,3-Butadiene	13.3	2.00	--	29.4	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethyl Alcohol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	ND	10.0	--	ND	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
iso-Propyl Alcohol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
tert-Butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	5.69	2.00	--	17.7	6.23	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	46.1	5.00	--	136	14.7	--		10
cis-1,2-Dichloroethene	5.06	2.00	--	20.1	7.93	--		10
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10



Project Name: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806981-03 D
 Client ID: SG-3
 Sample Location: BRONX, NY
 Sample Depth:

Date Collected: 02/26/18 16:19
 Date Received: 02/28/18
 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	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	27.8	2.00	--	98.0	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	5.49	2.00	--	17.5	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	7.32	2.00	--	25.2	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	28.0	2.00	--	131	9.34	--		10
Heptane	7.00	2.00	--	28.7	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	6.24	2.00	--	23.5	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-03 D

Date Collected: 02/26/18 16:19

Client ID: SG-3

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	95		60-140



Project Name: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806981-04 D
 Client ID: SG-4
 Sample Location: BRONX, NY
 Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 03/06/18 21:07
 Analyst: RY

Date Collected: 02/27/18 11:08
 Date Received: 02/28/18
 Field Prep: Not Specified

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.402	0.400	--	1.99	1.98	--		2
Chloromethane	0.462	0.400	--	0.954	0.826	--		2
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.400	--	ND	2.80	--		2
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
1,3-Butadiene	0.422	0.400	--	0.934	0.885	--		2
Bromomethane	ND	0.400	--	ND	1.55	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
Ethyl Alcohol	ND	10.0	--	ND	18.8	--		2
Vinyl bromide	ND	0.400	--	ND	1.75	--		2
Acetone	39.4	2.00	--	93.6	4.75	--		2
Trichlorofluoromethane	ND	0.400	--	ND	2.25	--		2
iso-Propyl Alcohol	1.71	1.00	--	4.20	2.46	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
tert-Butyl Alcohol	1.04	1.00	--	3.15	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
1,1,2-Trichloro-1,2,2-Trifluoroethane	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	21.2	1.00	--	62.5	2.95	--		2
cis-1,2-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Ethyl Acetate	1.71	1.00	--	6.16	3.60	--		2



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-04 D

Date Collected: 02/27/18 11:08

Client ID: SG-4

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	0.400	--	ND	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	ND	0.400	--	ND	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	0.778	0.400	--	2.93	1.51	--		2
2-Hexanone	ND	0.400	--	ND	1.64	--		2
Dibromochloromethane	ND	0.400	--	ND	3.41	--		2
1,2-Dibromoethane	ND	0.400	--	ND	3.07	--		2
Tetrachloroethene	ND	0.400	--	ND	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



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-04 D

Date Collected: 02/27/18 11:08

Client ID: SG-4

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.400	--	ND	1.70	--		2
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	81		60-140
Bromochloromethane	81		60-140
chlorobenzene-d5	83		60-140



Project Name: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806981-05 D
 Client ID: SG-5
 Sample Location: BRONX, NY
 Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 03/06/18 21:43
 Analyst: RY

Date Collected: 02/27/18 11:49
 Date Received: 02/28/18
 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	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	4.49	2.00	--	9.93	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethyl Alcohol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	48.5	10.0	--	115	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
iso-Propyl Alcohol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
tert-Butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	2.10	2.00	--	6.54	6.23	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	20.8	5.00	--	61.3	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10



Project Name: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806981-05 D
 Client ID: SG-5
 Sample Location: BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 11:49
 Date Received: 02/28/18
 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	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	2.77	2.00	--	9.53	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	ND	2.00	--	ND	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-05 D

Date Collected: 02/27/18 11:49

Client ID: SG-5

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	88		60-140



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-06 D

Date Collected: 02/27/18 12:49

Client ID: SG-6

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 03/06/18 22:21

Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.415	0.250	--	2.05	1.24	--		1.25
Chloromethane	0.484	0.250	--	0.999	0.516	--		1.25
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.250	--	ND	1.75	--		1.25
Vinyl chloride	ND	0.250	--	ND	0.639	--		1.25
1,3-Butadiene	ND	0.250	--	ND	0.553	--		1.25
Bromomethane	ND	0.250	--	ND	0.971	--		1.25
Chloroethane	ND	0.250	--	ND	0.660	--		1.25
Ethyl Alcohol	ND	6.25	--	ND	11.8	--		1.25
Vinyl bromide	ND	0.250	--	ND	1.09	--		1.25
Acetone	238	1.25	--	565	2.97	--		1.25
Trichlorofluoromethane	ND	0.250	--	ND	1.40	--		1.25
iso-Propyl Alcohol	1.23	0.625	--	3.02	1.54	--		1.25
1,1-Dichloroethene	ND	0.250	--	ND	0.991	--		1.25
tert-Butyl Alcohol	0.766	0.625	--	2.32	1.89	--		1.25
Methylene chloride	0.799	0.625	--	2.78	2.17	--		1.25
3-Chloropropene	ND	0.250	--	ND	0.783	--		1.25
Carbon disulfide	ND	0.250	--	ND	0.779	--		1.25
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.250	--	ND	1.92	--		1.25
trans-1,2-Dichloroethene	ND	0.250	--	ND	0.991	--		1.25
1,1-Dichloroethane	ND	0.250	--	ND	1.01	--		1.25
Methyl tert butyl ether	ND	0.250	--	ND	0.901	--		1.25
2-Butanone	11.4	0.625	--	33.6	1.84	--		1.25
cis-1,2-Dichloroethene	ND	0.250	--	ND	0.991	--		1.25
Ethyl Acetate	0.668	0.625	--	2.41	2.25	--		1.25



Project Name: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

SAMPLE RESULTS

Lab ID: L1806981-06 D
 Client ID: SG-6
 Sample Location: BRONX, NY
 Sample Depth:

Date Collected: 02/27/18 12:49
 Date Received: 02/28/18
 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	0.250	--	ND	1.22	--		1.25
Tetrahydrofuran	ND	0.625	--	ND	1.84	--		1.25
1,2-Dichloroethane	ND	0.250	--	ND	1.01	--		1.25
n-Hexane	0.631	0.250	--	2.22	0.881	--		1.25
1,1,1-Trichloroethane	ND	0.250	--	ND	1.36	--		1.25
Benzene	0.495	0.250	--	1.58	0.799	--		1.25
Carbon tetrachloride	ND	0.250	--	ND	1.57	--		1.25
Cyclohexane	ND	0.250	--	ND	0.861	--		1.25
1,2-Dichloropropane	ND	0.250	--	ND	1.16	--		1.25
Bromodichloromethane	ND	0.250	--	ND	1.67	--		1.25
1,4-Dioxane	ND	0.250	--	ND	0.901	--		1.25
Trichloroethene	ND	0.250	--	ND	1.34	--		1.25
2,2,4-Trimethylpentane	ND	0.250	--	ND	1.17	--		1.25
Heptane	0.485	0.250	--	1.99	1.02	--		1.25
cis-1,3-Dichloropropene	ND	0.250	--	ND	1.13	--		1.25
4-Methyl-2-pentanone	ND	0.625	--	ND	2.56	--		1.25
trans-1,3-Dichloropropene	ND	0.250	--	ND	1.13	--		1.25
1,1,2-Trichloroethane	ND	0.250	--	ND	1.36	--		1.25
Toluene	2.27	0.250	--	8.55	0.942	--		1.25
2-Hexanone	0.262	0.250	--	1.07	1.02	--		1.25
Dibromochloromethane	ND	0.250	--	ND	2.13	--		1.25
1,2-Dibromoethane	ND	0.250	--	ND	1.92	--		1.25
Tetrachloroethene	ND	0.250	--	ND	1.70	--		1.25
Chlorobenzene	ND	0.250	--	ND	1.15	--		1.25
Ethylbenzene	0.565	0.250	--	2.45	1.09	--		1.25
p/m-Xylene	2.41	0.500	--	10.5	2.17	--		1.25
Bromoform	ND	0.250	--	ND	2.58	--		1.25



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-06 D

Date Collected: 02/27/18 12:49

Client ID: SG-6

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	0.250	--	ND	1.06	--		1.25
1,1,2,2-Tetrachloroethane	ND	0.250	--	ND	1.72	--		1.25
o-Xylene	0.961	0.250	--	4.17	1.09	--		1.25
4-Ethyltoluene	0.389	0.250	--	1.91	1.23	--		1.25
1,3,5-Trimethylbenzene	0.489	0.250	--	2.40	1.23	--		1.25
1,2,4-Trimethylbenzene	2.10	0.250	--	10.3	1.23	--		1.25
Benzyl chloride	ND	0.250	--	ND	1.29	--		1.25
1,3-Dichlorobenzene	ND	0.250	--	ND	1.50	--		1.25
1,4-Dichlorobenzene	ND	0.250	--	ND	1.50	--		1.25
1,2-Dichlorobenzene	ND	0.250	--	ND	1.50	--		1.25
1,2,4-Trichlorobenzene	ND	0.250	--	ND	1.86	--		1.25
Hexachlorobutadiene	ND	0.250	--	ND	2.67	--		1.25

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-07 D

Date Collected: 02/27/18 13:57

Client ID: SG-7

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 03/06/18 22:57

Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	15.1	2.00	--	33.4	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethyl Alcohol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	124	10.0	--	295	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
iso-Propyl Alcohol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
tert-Butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	53.6	5.00	--	158	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-07 D

Date Collected: 02/27/18 13:57

Client ID: SG-7

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	2.19	2.00	--	7.72	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	ND	2.00	--	ND	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	4.59	2.00	--	17.3	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-07 D

Date Collected: 02/27/18 13:57

Client ID: SG-7

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	96		60-140



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-08 D

Date Collected: 02/27/18 14:27

Client ID: SG-8

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Soil_Vapor

Analytical Method: 48,TO-15

Analytical Date: 03/06/18 23:33

Analyst: RY

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	2.00	--	ND	14.0	--		10
Vinyl chloride	ND	2.00	--	ND	5.11	--		10
1,3-Butadiene	5.14	2.00	--	11.4	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethyl Alcohol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	54.9	10.0	--	130	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
iso-Propyl Alcohol	ND	5.00	--	ND	12.3	--		10
1,1-Dichloroethene	ND	2.00	--	ND	7.93	--		10
tert-Butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	23.5	5.00	--	69.3	14.7	--		10
cis-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-08 D

Date Collected: 02/27/18 14:27

Client ID: SG-8

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	81.4	2.00	--	287	7.05	--		10
1,1,1-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Carbon tetrachloride	ND	2.00	--	ND	12.6	--		10
Cyclohexane	2.22	2.00	--	7.64	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
Trichloroethene	ND	2.00	--	ND	10.7	--		10
2,2,4-Trimethylpentane	124	2.00	--	579	9.34	--		10
Heptane	32.4	2.00	--	133	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	3.14	2.00	--	11.8	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Tetrachloroethene	ND	2.00	--	ND	13.6	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	ND	2.00	--	ND	8.69	--		10
p/m-Xylene	ND	4.00	--	ND	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**SAMPLE RESULTS**

Lab ID: L1806981-08 D

Date Collected: 02/27/18 14:27

Client ID: SG-8

Date Received: 02/28/18

Sample Location: BRONX, NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	ND	2.00	--	ND	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	81		60-140
Bromochloromethane	81		60-140
chlorobenzene-d5	85		60-140



Project Name: 180 EAST 132ND

Lab Number: L1806981

Project Number: 12.0076605.00

Report Date: 03/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 03/06/18 13:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-08 Batch: WG1094989-4								
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	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
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: 180 EAST 132ND

Lab Number: L1806981

Project Number: 12.0076605.00

Report Date: 03/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 03/06/18 13:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-08 Batch: WG1094989-4								
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



Project Name: 180 EAST 132ND

Lab Number: L1806981

Project Number: 12.0076605.00

Report Date: 03/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 03/06/18 13:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-08 Batch: WG1094989-4								
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
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



Project Name: 180 EAST 132ND

Lab Number: L1806981

Project Number: 12.0076605.00

Report Date: 03/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 03/06/18 13:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-08 Batch: WG1094989-4								
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
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



Project Name: 180 EAST 132ND

Lab Number: L1806981

Project Number: 12.0076605.00

Report Date: 03/07/18

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 03/06/18 13:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-08 Batch: WG1094989-4								
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

Lab Control Sample Analysis

Batch Quality Control

Project Name: 180 EAST 132ND

Lab Number: L1806981

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1094989-3								
Chlorodifluoromethane	86		-		70-130	-		
Propylene	98		-		70-130	-		
Propane	85		-		70-130	-		
Dichlorodifluoromethane	90		-		70-130	-		
Chloromethane	86		-		70-130	-		
1,2-Dichloro-1,1,2,2-tetrafluoroethane	90		-		70-130	-		
Methanol	82		-		70-130	-		
Vinyl chloride	82		-		70-130	-		
1,3-Butadiene	101		-		70-130	-		
Butane	75		-		70-130	-		
Bromomethane	84		-		70-130	-		
Chloroethane	78		-		70-130	-		
Ethyl Alcohol	92		-		70-130	-		
Dichlorofluoromethane	74		-		70-130	-		
Vinyl bromide	93		-		70-130	-		
Acrolein	84		-		70-130	-		
Acetone	88		-		70-130	-		
Acetonitrile	74		-		70-130	-		
Trichlorofluoromethane	92		-		70-130	-		
iso-Propyl Alcohol	92		-		70-130	-		
Acrylonitrile	88		-		70-130	-		
Pentane	75		-		70-130	-		
Ethyl ether	82		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 180 EAST 132ND

Lab Number: L1806981

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1094989-3								
1,1-Dichloroethene	84		-		70-130	-		
tert-Butyl Alcohol	86		-		70-130	-		
Methylene chloride	93		-		70-130	-		
3-Chloropropene	93		-		70-130	-		
Carbon disulfide	96		-		70-130	-		
1,1,2-Trichloro-1,2,2-Trifluoroethane	90		-		70-130	-		
trans-1,2-Dichloroethene	94		-		70-130	-		
1,1-Dichloroethane	93		-		70-130	-		
Methyl tert butyl ether	106		-		70-130	-		
Vinyl acetate	116		-		70-130	-		
2-Butanone	101		-		70-130	-		
cis-1,2-Dichloroethene	93		-		70-130	-		
Ethyl Acetate	98		-		70-130	-		
Chloroform	94		-		70-130	-		
Tetrahydrofuran	101		-		70-130	-		
2,2-Dichloropropane	93		-		70-130	-		
1,2-Dichloroethane	93		-		70-130	-		
n-Hexane	92		-		70-130	-		
Isopropyl Ether	88		-		70-130	-		
Ethyl-Tert-Butyl-Ether	84		-		70-130	-		
1,1,1-Trichloroethane	102		-		70-130	-		
1,1-Dichloropropene	95		-		70-130	-		
Benzene	89		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 180 EAST 132ND

Lab Number: L1806981

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1094989-3								
Carbon tetrachloride	104		-		70-130	-		
Cyclohexane	93		-		70-130	-		
Tertiary-Amyl Methyl Ether	91		-		70-130	-		
Dibromomethane	90		-		70-130	-		
1,2-Dichloropropane	91		-		70-130	-		
Bromodichloromethane	104		-		70-130	-		
1,4-Dioxane	102		-		70-130	-		
Trichloroethene	96		-		70-130	-		
2,2,4-Trimethylpentane	93		-		70-130	-		
Methyl Methacrylate	116		-		70-130	-		
Heptane	104		-		70-130	-		
cis-1,3-Dichloropropene	104		-		70-130	-		
4-Methyl-2-pentanone	108		-		70-130	-		
trans-1,3-Dichloropropene	92		-		70-130	-		
1,1,2-Trichloroethane	98		-		70-130	-		
Toluene	96		-		70-130	-		
1,3-Dichloropropane	92		-		70-130	-		
2-Hexanone	110		-		70-130	-		
Dibromochloromethane	119		-		70-130	-		
1,2-Dibromoethane	101		-		70-130	-		
Butyl Acetate	100		-		70-130	-		
Octane	90		-		70-130	-		
Tetrachloroethene	97		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 180 EAST 132ND

Lab Number: L1806981

Project Number: 12.0076605.00

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1094989-3								
1,1,1,2-Tetrachloroethane	98		-		70-130	-		
Chlorobenzene	97		-		70-130	-		
Ethylbenzene	99		-		70-130	-		
p/m-Xylene	98		-		70-130	-		
Bromoform	121		-		70-130	-		
Styrene	101		-		70-130	-		
1,1,1,2-Tetrachloroethane	96		-		70-130	-		
o-Xylene	99		-		70-130	-		
1,2,3-Trichloropropane	94		-		70-130	-		
Nonane (C9)	94		-		70-130	-		
Isopropylbenzene	98		-		70-130	-		
Bromobenzene	93		-		70-130	-		
o-Chlorotoluene	95		-		70-130	-		
n-Propylbenzene	94		-		70-130	-		
p-Chlorotoluene	92		-		70-130	-		
4-Ethyltoluene	107		-		70-130	-		
1,3,5-Trimethylbenzene	101		-		70-130	-		
tert-Butylbenzene	97		-		70-130	-		
1,2,4-Trimethylbenzene	105		-		70-130	-		
Decane (C10)	88		-		70-130	-		
Benzyl chloride	117		-		70-130	-		
1,3-Dichlorobenzene	101		-		70-130	-		
1,4-Dichlorobenzene	101		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 180 EAST 132ND

Project Number: 12.0076605.00

Lab Number: L1806981

Report Date: 03/07/18

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1094989-3								
sec-Butylbenzene	96		-		70-130	-		
p-Isopropyltoluene	115		-		70-130	-		
1,2-Dichlorobenzene	106		-		70-130	-		
n-Butylbenzene	101		-		70-130	-		
1,2-Dibromo-3-chloropropane	111		-		70-130	-		
Undecane	102		-		70-130	-		
Dodecane (C12)	108		-		70-130	-		
1,2,4-Trichlorobenzene	120		-		70-130	-		
Naphthalene	115		-		70-130	-		
1,2,3-Trichlorobenzene	115		-		70-130	-		
Hexachlorobutadiene	117		-		70-130	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 180 EAST 132ND

Project Number: 12.0076605.00

Lab Number: L1806981

Report Date: 03/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1094989-5 QC Sample: L1806981-02 Client ID: SG-2						
Dichlorodifluoromethane	0.428	0.426	ppbV	0		25
Chloromethane	0.486	0.492	ppbV	1		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	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	23.7	24.0	ppbV	1		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
iso-Propyl Alcohol	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
tert-Butyl Alcohol	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
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 180 EAST 132ND

Project Number: 12.0076605.00

Lab Number: L1806981

Report Date: 03/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1094989-5 QC Sample: L1806981-02 Client ID: SG-2						
2-Butanone	6.15	6.20	ppbV	1		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25
Chloroform	ND	ND	ppbV	NC		25
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
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
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

Lab Duplicate Analysis

Batch Quality Control

Project Name: 180 EAST 132ND

Project Number: 12.0076605.00

Lab Number: L1806981

Report Date: 03/07/18

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1094989-5 QC Sample: L1806981-02 Client ID: SG-2						
Toluene	0.546	0.538	ppbV	1		25
2-Hexanone	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
p/m-Xylene	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,1,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
4-Ethyltoluene	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
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: 180 EAST 132ND

Project Number: 12.0076605.00

Serial_No:03071816:34
Lab Number: L1806981

Report Date: 03/07/18

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
L1806981-01	SG-1	0648	Flow 3	02/23/18	260001		-	-	-	Pass	17.8	19.0	7
L1806981-01	SG-1	326	2.7L Can	02/23/18	260001	L1805850-01	Pass	-30.0	-3.6	-	-	-	-
L1806981-02	SG-2	01035	Flow 4	02/23/18	260001		-	-	-	Pass	18.0	17.7	2
L1806981-02	SG-2	2312	2.7L Can	02/23/18	260001	L1805850-01	Pass	-30.0	-8.2	-	-	-	-
L1806981-03	SG-3	01028	Flow 4	02/23/18	260001		-	-	-	Pass	17.8	17.1	4
L1806981-03	SG-3	557	2.7L Can	02/23/18	260001	L1805850-01	Pass	-30.0	-6.3	-	-	-	-
L1806981-04	SG-4	01032	Flow 4	02/23/18	260001		-	-	-	Pass	17.9	18.4	3
L1806981-04	SG-4	2348	2.7L Can	02/23/18	260001	L1805850-01	Pass	-30.0	-4.7	-	-	-	-
L1806981-05	SG-5	0079	Flow 3	02/23/18	260001		-	-	-	Pass	18.0	17.8	1
L1806981-05	SG-5	321	2.7L Can	02/23/18	260001	L1805850-01	Pass	-30.0	-5.2	-	-	-	-
L1806981-06	SG-6	01033	Flow 4	02/23/18	260001		-	-	-	Pass	17.8	17.7	1
L1806981-06	SG-6	2240	2.7L Can	02/23/18	260001	L1805850-01	Pass	-28.4	-7.6	-	-	-	-
L1806981-07	SG-7	0138	Flow 4	02/23/18	260001		-	-	-	Pass	17.9	18.9	5
L1806981-07	SG-7	345	2.7L Can	02/23/18	260001	L1805850-01	Pass	-30.0	-3.6	-	-	-	-
L1806981-08	SG-8	0695	Flow 4	02/23/18	260001		-	-	-	Pass	18.0	16.1	11



Project Name: 180 EAST 132ND

Project Number: 12.0076605.00

Serial_No:03071816:34
Lab Number: L1806981

Report Date: 03/07/18

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
L1806981-08	SG-8	2429	2.7L Can	02/23/18	260001	L1805850-01	Pass	-30.0	-5.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1805850
Report Date: 03/07/18

Air Canister Certification Results

Lab ID: L1805850-01
 Client ID: CAN 514 SHELF 3
 Sample Location:
 Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 02/20/18 19:11
 Analyst: RY

Date Collected: 02/20/18 09:00
 Date Received: 02/20/18
 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: L1805850
Report Date: 03/07/18

Air Canister Certification Results

Lab ID: L1805850-01
 Client ID: CAN 514 SHELF 3
 Sample Location:
 Sample Depth:

Date Collected: 02/20/18 09:00
 Date Received: 02/20/18
 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: L1805850
Report Date: 03/07/18

Air Canister Certification Results

Lab ID: L1805850-01
 Client ID: CAN 514 SHELF 3
 Sample Location:
 Sample Depth:

Date Collected: 02/20/18 09:00
 Date Received: 02/20/18
 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: L1805850
Report Date: 03/07/18

Air Canister Certification Results

Lab ID: L1805850-01
 Client ID: CAN 514 SHELF 3
 Sample Location:
 Sample Depth:

Date Collected: 02/20/18 09:00
 Date Received: 02/20/18
 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:** L1805850**Project Number:** CANISTER QC BAT**Report Date:** 03/07/18**Air Canister Certification Results**

Lab ID: L1805850-01

Date Collected: 02/20/18 09:00

Client ID: CAN 514 SHELF 3

Date Received: 02/20/18

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1805850
Report Date: 03/07/18

Air Canister Certification Results

Lab ID: L1805850-01
 Client ID: CAN 514 SHELF 3
 Sample Location:
 Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 02/20/18 17:25
 Analyst: RY

Date Collected: 02/20/18 09:00
 Date Received: 02/20/18
 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	0.100	--	ND	0.264	--		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
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
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1805850
Report Date: 03/07/18

Air Canister Certification Results

Lab ID: L1805850-01
 Client ID: CAN 514 SHELF 3
 Sample Location:
 Sample Depth:

Date Collected: 02/20/18 09:00
 Date Received: 02/20/18
 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								
1,4-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
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L1805850**Project Number:** CANISTER QC BAT**Report Date:** 03/07/18**Air Canister Certification Results**

Lab ID: L1805850-01

Date Collected: 02/20/18 09:00

Client ID: CAN 514 SHELF 3

Date Received: 02/20/18

Sample Location:

Field Prep: Not Specified

Sample Depth:

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	97		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140



Project Name: 180 EAST 132ND**Lab Number:** L1806981**Project Number:** 12.0076605.00**Report Date:** 03/07/18**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(*)
L1806981-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1806981-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1806981-03A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1806981-04A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1806981-05A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1806981-06A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1806981-07A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1806981-08A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)

Project Name: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

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: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

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: 180 EAST 132ND
Project Number: 12.0076605.00

Lab Number: L1806981
Report Date: 03/07/18

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: SCM: Perchlorate

EPA 9010: NPW and SCM: Amenable Cyanide Distillation

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

Mansfield Facility

SM 2540D: TSS

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: Chloride, 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: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, 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, SM9222D.**

Mansfield Facility:

Drinking Water

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

EPA 522.

Non-Potable Water

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

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

EPA 245.1 Hg.

SM2340B

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

ALPHA ANALYTICAL
CHAIN OF CUSTODY
 320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

AIR ANALYSIS

PAGE 1 OF 1

Date Rec'd in Lab: 3/1/18

ALPHA Job #: L1806981

Report Information - Data Deliverables

FAX
 ADEx
 Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
 Other Formats: _____
 EMAIL (standard pdf report)
 Additional Deliverables: _____

Report to: (if different than Project Manager) _____

Billing Information

Same as Client info PO #: _____

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
NY		

Project Information

Project Name: 180 East 132nd
 Project Location: Bronx, NY
 Project #: 12-007660500
 Project Manager: Sandra Huber
 ALPHA Quote #: _____

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)

Date Due: _____ Time: _____

Client Information

Client: GZA
 Address: 55 Lane Road Ste 407
 Fairfield, NJ 07004
 Phone: 973 774 3300
 Fax: 973 774 3300
 Email: Sandra.Huber@gza.com

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments:
 Project-Specific Target Compound List:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum											
06981, 01	SG-1	2/26/18	2/26/18	13:29	-30.24	-9.72	SV	LD	2.7L	326	0648	X					
02	SG-2	2/26/18	2/26/18	14:09	-30.69	-9.51	SV	LD		2312	01035	X					
03	SG-3	2/26/18	2/26/18	16:19	-30.29	-7.82	SV	LD		557	01028	X					
04	SG-4	2/27/18	2/27/18	11:08	-30.31	-6.10	SV	LD		2348	01032	X					
05	SG-5			11:49	-30.37	-6.31	SV	LD		321	0079	X					
06	SG-6			12:49	-28.45	-9.20	SV	LD		2240	01033	X					
07	SG-7			13:57	-30.42	-4.67	SV	LD		345	0138	X					
08	SG-8			14:27	-38.36	-38.53	SV	LD		2429	0645	X					

*SAMPLE MATRIX CODES

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

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. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

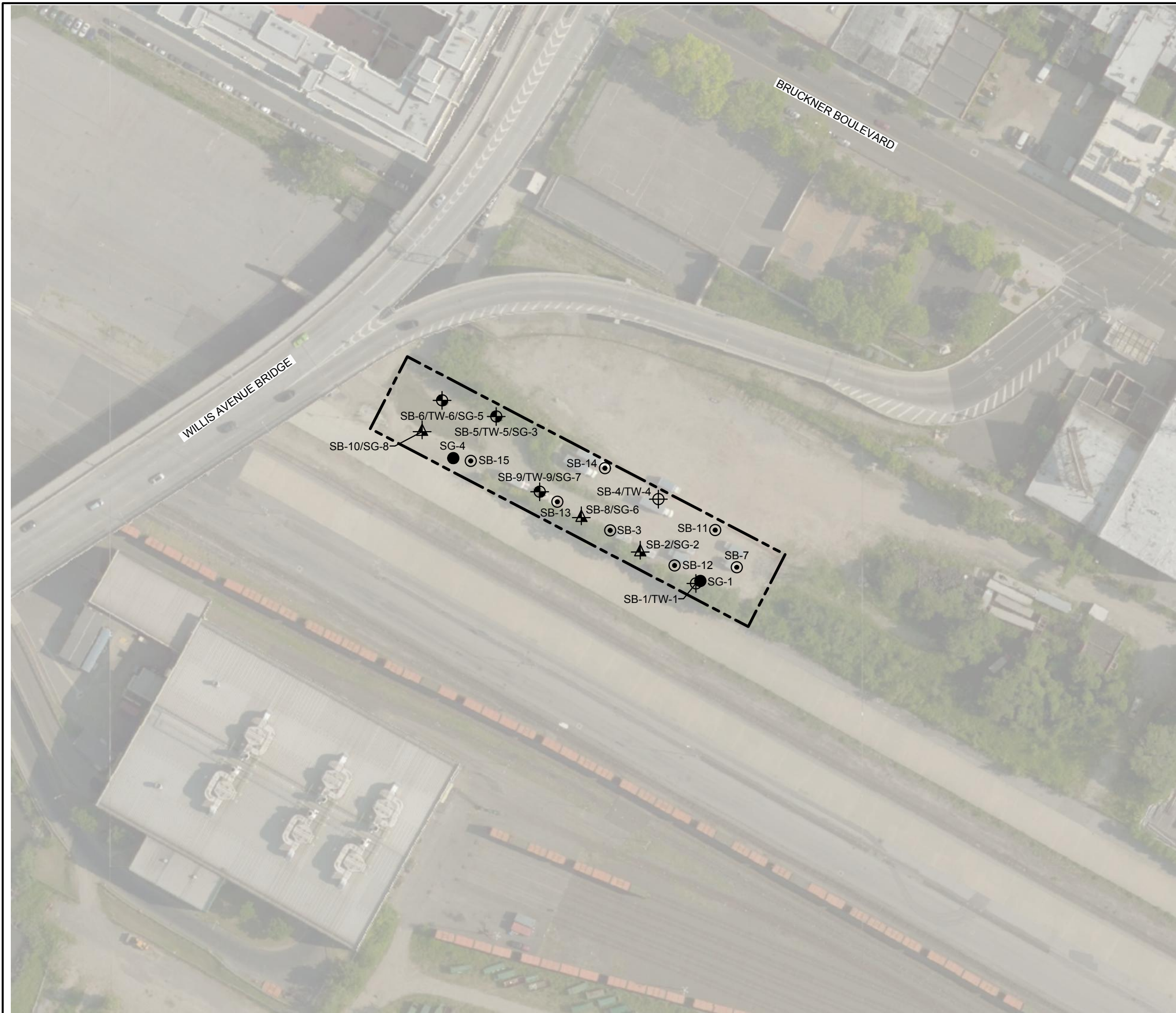
Relinquished By: *[Signature]* Date/Time: 2/28/18 11:50

Received By: *[Signature]* Date/Time: 3/1/18 05:05

[Handwritten notes and signatures]



APPENDIX C

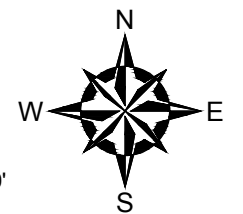


LEGEND:

- SITE BOUNDARY
- ⊙ SOIL BORING LOCATION
- SOIL GAS LOCATION
- ▲ SOIL BORING AND SOIL GAS LOCATION
- ⊕ SOIL BORING AND TEMPORARY WELL LOCATION
- ⊕ SOIL BORING, SOIL GAS AND TEMPORARY WELL LOCATION

NOTES:

1. BASE MAP DEVELOPED FROM A BING PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS COLLECTED USING AUTODESK IN NOVEMBER 2017.



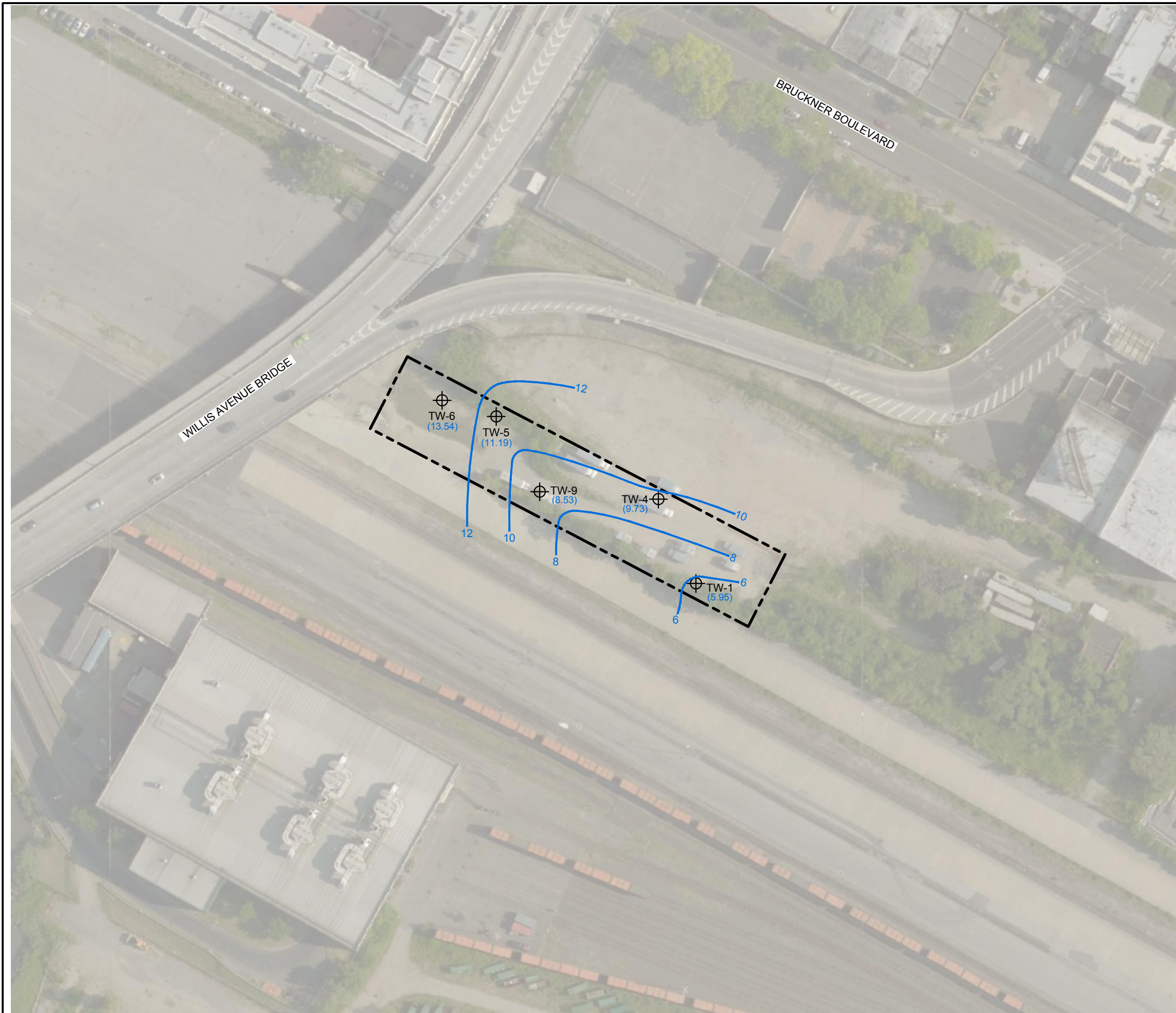
NO.	ISSUE/DESCRIPTION	BY	DATE

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WILLIS AVENUE
BRONX, NEW YORK

SAMPLE LOCATION PLAN

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: CARNEGIE MANAGEMENT	
PROJ MGR: SH DESIGNED BY: CM DATE: JUNE 2018	REVIEWED BY: CM DRAWN BY: MT PROJECT NO. 12.0076605.00	CHECKED BY: SH SCALE: 1" = 100' REVISION NO.	FIGURE 3 SHEET NO.

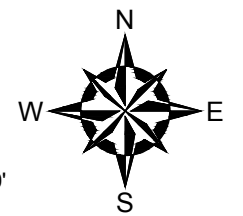


LEGEND:

- SITE BOUNDARY
- TEMPORARY WELL LOCATION
- 12 — GROUNDWATER ELEVATION CONTOUR
- (11.19) GROUNDWATER ELEVATION

NOTES:

1. BASE MAP DEVELOPED FROM A BING PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS COLLECTED USING AUTODESK IN NOVEMBER 2017.



NO.	ISSUE/DESCRIPTION	BY	DATE

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WILLIS AVENUE
BRONX, NEW YORK

GROUNDWATER FLOW MAP

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: CARNEGIE MANAGEMENT	
PROJ MGR: SH DESIGNED BY: CM DATE: MARCH 2018	REVIEWED BY: CM DRAWN BY: MT PROJECT NO. 12.0076605.00	CHECKED BY: SH SCALE: 1" = 100' REVISION NO.	FIGURE 4 SHEET NO.

Sample ID:	SB-6 (1-2)	SB-6 (9.5-10)
Lab Sample ID:	L1806702-06	L1806702-07
Date Sampled:	2/26/2018	2/26/2018
Sampling Depth:	1-2	9.5-10
Organochlorine Pesticides (mg/kg)		ND
4,4'-DDD	0.0185	ND
4,4'-DDE	0.0333	ND
4,4'-DDT	0.0387	ND
PCBs (mg/kg)	NE	ND
SVOCs (mg/kg)	NE	ND
Total Metals (mg/kg)		
Copper, Total	72	NE
Lead, Total	315	NE
Mercury, Total	0.94	ND
Zinc, Total	226	NE
VOCs (mg/kg)	NE	NE

Sample ID:	SB-5 (1-2)	SB-5 (9.5-10)
Lab Sample ID:	L1806702-17	L1806702-18
Date Sampled:	2/26/2018	2/26/2018
Sampling Depth:	1-2	9.5-10
Organochlorine Pesticides (mg/kg)		
4,4'-DDD	0.0517	NE
4,4'-DDE	0.0149	0.00508
4,4'-DDT	0.0117	0.00773 P
PCBs (mg/kg)	NE	NE
SVOCs (mg/kg)		
Benzo(a)anthracene	NE	1.7
Benzo(a)pyrene	NE	1.7
Benzo(k)fluoranthene	1.1	2.3
Chrysene	NE	1.6
Indeno(1,2,3-cd)pyrene	0.66	1.4
Total Metals (mg/kg)		
Lead, Total	281	81
Mercury, Total	0.18	0.25
Zinc, Total	172	NE
VOCs (mg/kg)	NE	NE

Sample ID:	SB-14 (0-1)	SB-14 (9-10)
Lab Sample ID:	L1822065-09	L1822065-10
Date Sampled:	6/12/2018	6/12/2018
Sampling Depth:	0-1	9-10
PAHs (mg/kg)	NE	ND
Total Metals (mg/kg)		
Copper, Total	NE	73
Lead, Total	82	NE
Nickel, Total	NE	45.8
Zinc, Total	NE	152

Sample ID:	SB-4 (1-2)	SB-4 (13-13.5)
Lab Sample ID:	L1806702-15	L1806702-16
Date Sampled:	2/26/2018	2/26/2018
Sampling Depth:	1-2	13-13.5
Organochlorine Pesticides (mg/kg)		ND
4,4'-DDE	0.00442 P	ND
4,4'-DDT	0.0276	ND
PCBs (mg/kg)	NE	ND
SVOCs (mg/kg)	NE	ND
Total Metals (mg/kg)		
Copper, Total	NE	74.3
Lead, Total	95	NE
Mercury, Total	0.25	ND
Nickel, Total	NE	164
Zinc, Total	140	186
VOCs (mg/kg)	NE	ND

Sample ID:	SB-11 (0-1)	SB-11 (5.5-5)
Lab Sample ID:	L1822065-01	L1822065-02
Date Sampled:	6/12/2018	6/12/2018
Sampling Depth:	0-1	5.5-5
PAHs (mg/kg)	NE	NE
Total Metals (mg/kg)		
Copper, Total	NE	93.2
Lead, Total	NE	67.1
Mercury, Total	NE	1.02
Zinc, Total	NE	277

Sample ID:	SB-17 (2')	SB-17 (4')	SB-17 (6')	SB-17 (8')	SB-17 (10')
Lab Sample ID:	L1904417-01	L1904417-02	L1904417-03	L1904417-04	L1904417-05
Date Sampled:	2/4/2019	2/4/2019	2/4/2019	2/4/2019	2/4/2019
Sampling Depth:	1.5-2	3.5-4	5.5-6	7.5-8	9.5-10
PAHs (mg/kg)	ND	ND	ND	ND	ND
Total Metals (mg/kg)					
Copper, Total	NE	NE	NE	NE	NE
Lead, Total	130	NE	NE	NE	NE
Mercury, Total	0.321	ND	ND	ND	ND
Zinc, Total	142	NE	NE	NE	NE

Sample ID:	SB-7 (0.5-1)	SB-7 (4.5-5)
Lab Sample ID:	L1806944-01	L1806944-02
Date Sampled:	2/27/2018	2/27/2018
Sampling Depth:	0.5-1	4.5-5
Organochlorine Pesticides (mg/kg)		ND
4,4'-DDT	0.00733 P	ND
PCBs (mg/kg)	NE	ND
SVOCs (mg/kg)	NE	ND
Benzo(a)anthracene	6.6	ND
Benzo(a)pyrene	7	ND
Benzo(b)fluoranthene	7	ND
Benzo(k)fluoranthene	2.8	ND
Chrysene	6.8	ND
Dibenzo(a,h)anthracene	1	ND
Indeno(1,2,3-cd)pyrene	4.8	ND
Total Metals (mg/kg)		
Copper, Total	114	NE
Lead, Total	134	NE
Mercury, Total	0.48	ND
Zinc, Total	374	NE
VOCs (mg/kg)	NE	ND

Sample ID:	SB-10 (1-2)	SB-10 (9.5-10)
Lab Sample ID:	L1806944-07	L1806944-08
Date Sampled:	2/27/2018	2/27/2018
Sampling Depth:	1-2	9.5-10
Organochlorine Pesticides (mg/kg)		ND
4,4'-DDD	0.017	ND
4,4'-DDE	0.00824	ND
4,4'-DDT	0.0208	ND
PCBs (mg/kg)	NE	ND
SVOCs (mg/kg)	NE	ND
Total Metals (mg/kg)		
Copper, Total	60	NE
Lead, Total	203	NE
Mercury, Total	0.59	NE
Zinc, Total	192	NE
VOCs (mg/kg)		
Xylenes, Total	0.47	ND

Sample ID:	SB-16 (2')	SB-16 (4')	SB-16 (6')	SB-16 (8')	SB-16 (10')	SB-16 (12')	SB-16 (14')
Lab Sample ID:	L1904417-06	L1904417-07	L1904417-08	L1904417-09	L1904417-10	L1904417-11	L1904417-12
Date Sampled:	2/4/2019	2/4/2019	2/4/2019	2/4/2019	2/4/2019	2/4/2019	2/4/2019
Sampling Depth:	1.5-2	3.5-4	5.5-6	7.5-8	9.5-10	11.5-12	13.5-14
PAHs (mg/kg)							
Benzo(a)anthracene	NE	NE	1.1	ND	ND	ND	ND
Benzo(a)pyrene	NE	NE	NE	ND	ND	ND	ND
Benzo(b)fluoranthene	NE	NE	1.2	ND	ND	ND	ND
Chrysene	NE	NE	1.1	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	NE	NE	0.55	ND	ND	ND	ND
Total Metals (mg/kg)							
Copper, Total	152	NE	NE	NE	NE	NE	NE
Lead, Total	624	374	NE	94.3	NE	NE	NE
Mercury, Total	0.765	1.05	0.208	NE	ND	ND	ND
Zinc, Total	413	192	NE	NE	NE	NE	NE

Sample ID:	SB-15 (0-1)
Lab Sample ID:	L1822065-11
Date Sampled:	6/12/2018
Sampling Depth:	0-1
PAHs (mg/kg)	NE
Total Metals (mg/kg)	
Lead, Total	120
Mercury, Total	0.182
Zinc, Total	110

Sample ID:	SB-9 (1-2)	SB-9 (13.5-14)
Lab Sample ID:	L1806944-05	L1806944-06
Date Sampled:	2/27/2018	2/27/2018
Sampling Depth:	1-2	13.5-14
Organochlorine Pesticides (mg/kg)		ND
4,4'-DDD	0.0254	ND
4,4'-DDE	0.0102	ND
4,4'-DDT	0.0156	ND
PCBs (mg/kg)	NE	ND
SVOCs (mg/kg)	NE	ND
Total Metals (mg/kg)		
Lead, Total	140	NE
Mercury, Total	1.2	NE
Zinc, Total	139	NE
VOCs (mg/kg)	NE	ND

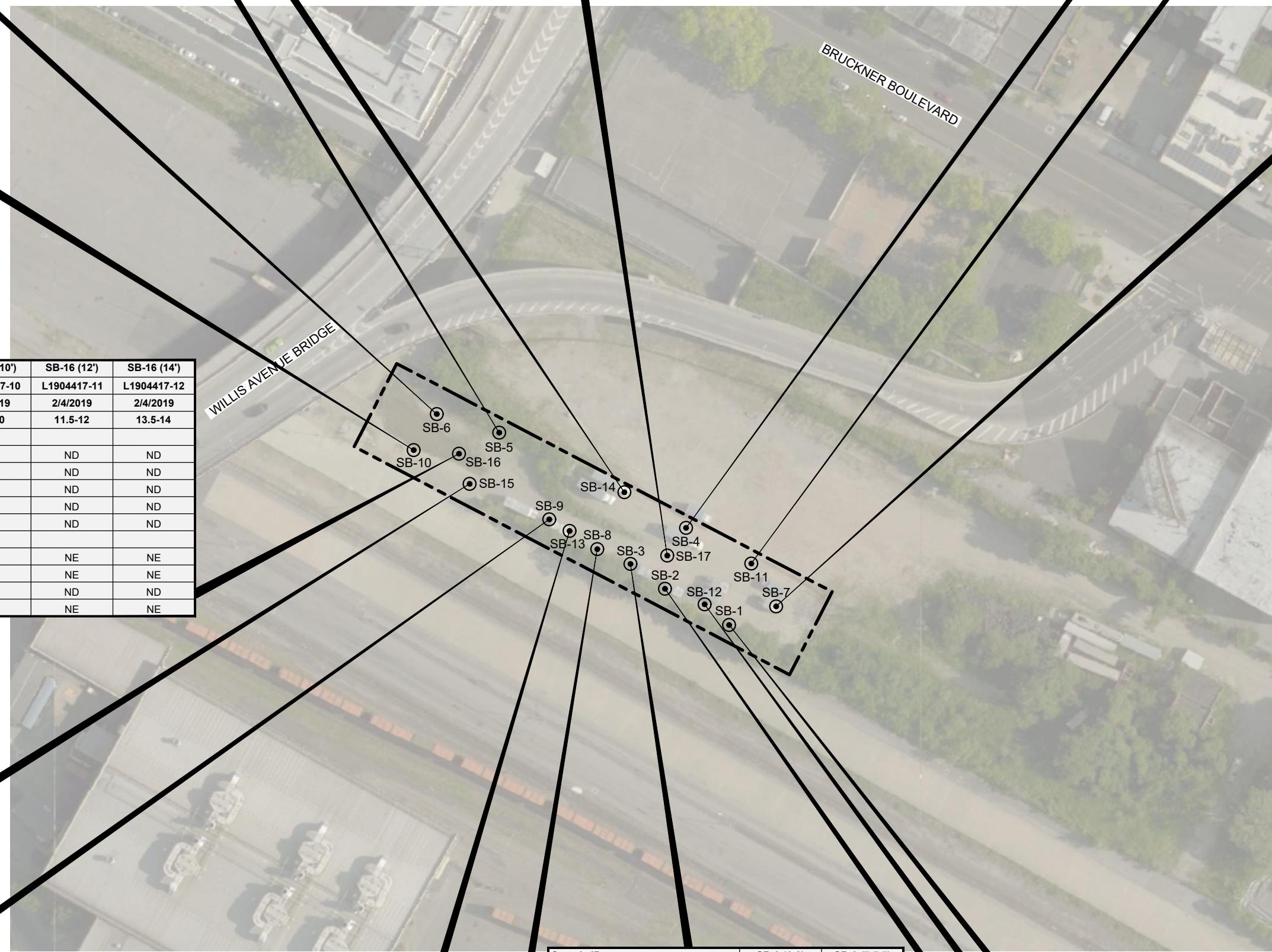
Sample ID:	SB-13 (1-2)	SB-13 (3-4)	SB-13 (5-6)	SB-13 (7-8)	SB-13 (9-10)
Lab Sample ID:	L1822065-04	L1822065-05	L1822065-06	L1822065-07	L1822065-08
Date Sampled:	6/12/2018	6/12/2018	6/12/2018	6/12/2018	6/12/2018
Sampling Depth:	1-2	3-4	5-6	7-8	9-10
Organochlorine Pesticides (mg/kg)					
4,4'-DDE	0.00739	ND	ND	ND	ND
4,4'-DDT	0.0359	ND	ND	ND	ND
PCBs (mg/kg)	NE	ND	ND	ND	ND
SVOCs (mg/kg)	NE	ND	ND	ND	ND
Total Metals (mg/kg)					
Copper, Total	NE	103	NE	NE	NE
Lead, Total	155	NE	NE	NE	NE
Mercury, Total	0.21	ND	ND	ND	ND
Zinc, Total	152	NE	NE	NE	NE
VOCs (mg/kg)	NE	NE	NE	NE	NE

Sample ID:	SB-3 (1-2)	SB-3 (7-7.5)
Lab Sample ID:	L1806702-13	L1806702-14
Date Sampled:	2/26/2018	2/26/2018
Sampling Depth:	1-2	7-7.5
Organochlorine Pesticides (mg/kg)		ND
4,4'-DDE	0.00739	ND
4,4'-DDT	0.0359	ND
PCBs (mg/kg)	NE	ND
SVOCs (mg/kg)	NE	ND
Total Metals (mg/kg)		
Copper, Total	NE	103
Lead, Total	155	NE
Mercury, Total	0.21	ND
Zinc, Total	152	NE
VOCs (mg/kg)	NE	NE

Sample ID:	SB-1 (0-2)	SB-1 (12-12.5)
Lab Sample ID:	L1806702-09	L1806702-10
Date Sampled:	2/26/2018	2/26/2018
Sampling Depth:	0-2	12-12.5
Organochlorine Pesticides (mg/kg)	ND	ND
PCBs (mg/kg)	ND	ND
SVOCs (mg/kg)	NE	ND
Total Metals (mg/kg)		
Copper, Total	60.1	NE
Lead, Total	139	NE
Mercury, Total	0.83	ND
Zinc, Total	201	NE
VOCs (mg/kg)	NE	NE

Sample ID:	SB-2 (1-2)	SB-2 (10.5-11)
Lab Sample ID:	L1806702-11	L1806702-12
Date Sampled:	2/26/2018	2/26/2018
Sampling Depth:	1-2	10.5-11
Organochlorine Pesticides (mg/kg)	ND	ND
PCBs (mg/kg)	ND	ND
SVOCs (mg/kg)	NE	ND
Total Metals (mg/kg)		
Barium, Total	865	NE
Copper, Total	78.2	NE
Lead, Total	NE	155
Mercury, Total	ND	0.21
Zinc, Total	NE	152
VOCs (mg/kg)	ND	NE

Sample ID:	SB-8 (1-2)	SB-8 (10.5-11)
Lab Sample ID:	L1806944-03	L1806944-04
Date Sampled:	2/27/2018	2/27/2018
Sampling Depth:	1-2	10.5-11
Organochlorine Pesticides (mg/kg)	ND	ND
PCBs (mg/kg)	ND	ND
SVOCs (mg/kg)	NE	NE
Total Metals (mg/kg)		
Mercury, Total	NE	0.24
VOCs (mg/kg)	NE	ND



LEGEND:

--- SITE BOUNDARY

⊙ SOIL BORING LOCATION

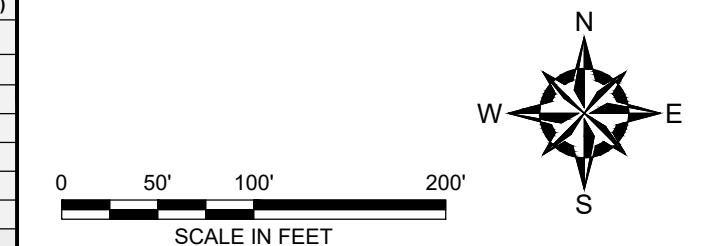
NOTES:

1. BASE MAP DEVELOPED FROM A BING PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOGRAPHY WAS COLLECTED USING AUTODESK IN NOVEMBER 2017.

CHEMBOX LEGEND

NYS Soil Cleanup Objectives		
Media	Soil	
Parameter	NY-RESR	NY-UNRES
Organochlorine Pesticides by GC (mg/kg)		
4,4'-DDD	2.6	0.0033
4,4'-DDE	1.8	0.0033
4,4'-DDT	1.7	0.0033
Semivolatile Organics by GC/MS (mg/kg)		
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(k)fluoranthene	1	0.8
Chrysene	1	1
Dibenzo(a,h)anthracene	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5
Total Metals (mg/kg)		
Barium, Total	350	350
Copper, Total	270	50
Lead, Total	400	63
Mercury, Total	0.81	0.18
Nickel, Total	140	30
Zinc, Total	2200	109
Volatile Organics by 8260/5035 (mg/kg)		
Xylenes, Total	100	0.26

This value exceeds NYS Unrestricted Use Soil Cleanup Objectives (NY-UNRES)
 This value exceeds both the NYS Unrestricted Use Soil Cleanup Objectives (NY-UNRES) and the NYS Restricted Residential Use Soil Cleanup Objectives (NY-RESR)
 ND = Not Detected
 NE = No Exceedance
 NA = Not Analyzed
 P = The RPD between the results for the two columns exceeds the method-specified criteria.

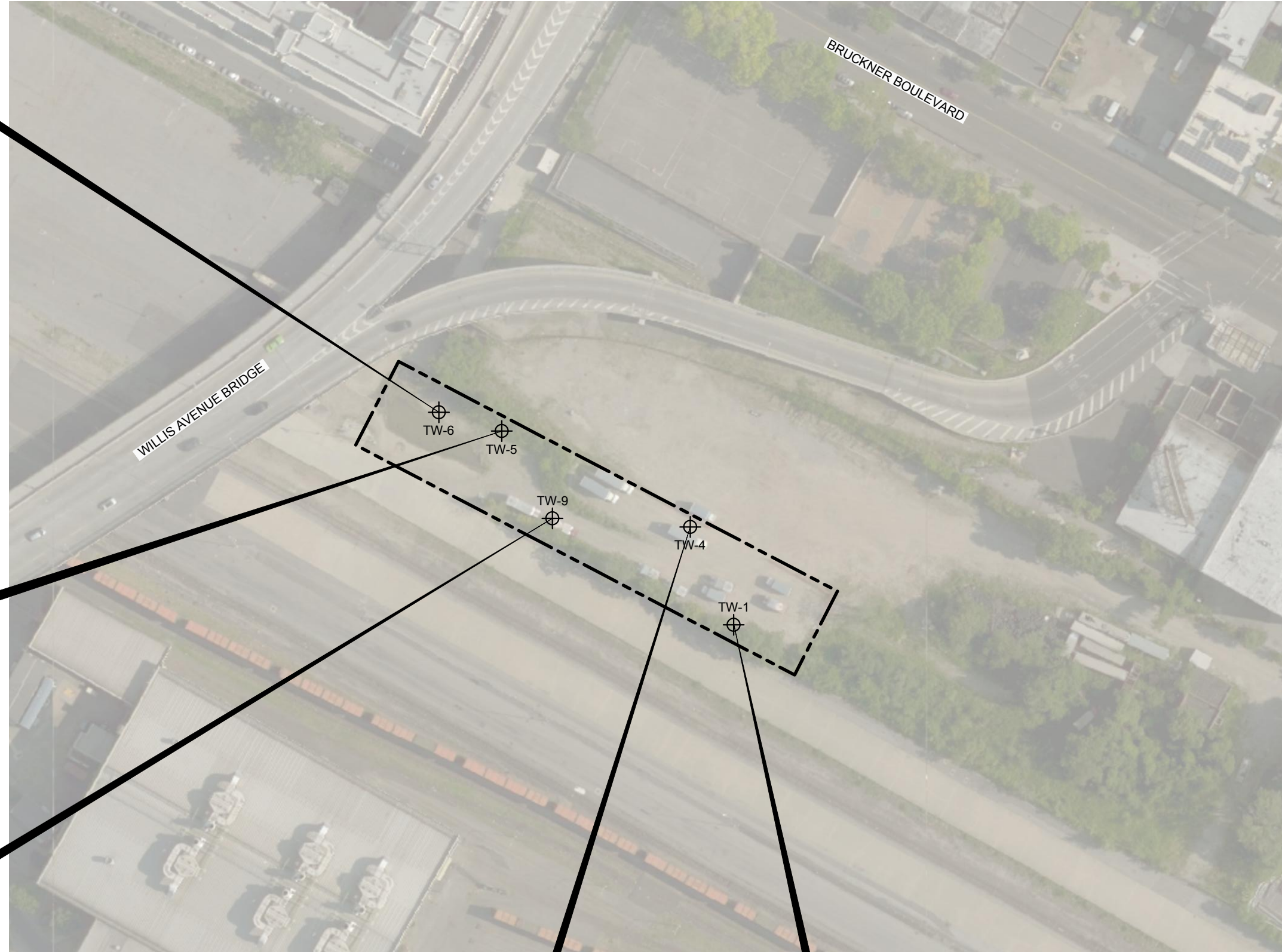


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WILLIS AVENUE BRONX, NEW YORK	
SOIL CHEMISTRY RESULTS	
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: CARNegie MANAGEMENT
PROJ MGR: SH DESIGNED BY: CM DATE: MARCH 2018	CHECKED BY: SH SCALE: 1" = 100' REVISION NO. 12.0076605.00
FIGURE 5 SHEET NO.	

Sample ID:	TW-6
Lab Sample ID:	L1806702-03
Date Sampled:	2/26/2018
Dissolved Metals (ug/L)	
Antimony, Dissolved	11.25
Manganese, Dissolved	1031
Sodium, Dissolved	233000
Organochlorine Pesticides (ug/L)	ND
PCBs (ug/L)	ND
SVOCs (ug/L)	
Benzo(a)anthracene	0.08 J
Benzo(a)pyrene	0.13
Benzo(b)fluoranthene	0.18
Benzo(k)fluoranthene	0.05 J
Chrysene	0.07 J
Indeno(1,2,3-cd)pyrene	0.07 J
Total Metals (ug/L)	
Antimony, Total	9.68
Iron, Total	4840
Lead, Total	150.8
Manganese, Total	1109
Mercury, Total	0.78
Sodium, Total	229000
VOCs (ug/L)	ND

Sample ID:	TW-5
Lab Sample ID:	L1806946-01
Date Sampled:	2/27/2018
Dissolved Metals (ug/L)	
Magnesium, Dissolved	182000
Sodium, Dissolved	181000
Organochlorine Pesticides (ug/L)	NE
PCBs (ug/L)	ND
SVOCs (ug/L)	
Benzo(a)anthracene	0.04 J
Benzo(b)fluoranthene	0.03 J
Total Metals (ug/L)	
Antimony, Total	3.59 J
Arsenic, Total	42.64
Barium, Total	3680
Beryllium, Total	5.41
Cadmium, Total	12.89
Chromium, Total	173.7
Copper, Total	1044
Iron, Total	130000
Lead, Total	8526
Magnesium, Total	349000
Manganese, Total	10740
Nickel, Total	190.4
Selenium, Total	13.7
Sodium, Total	198000
Thallium, Total	1.47
Zinc, Total	2126
VOCs (ug/L)	NE

Sample ID:	TW-9
Lab Sample ID:	L1806946-02
Date Sampled:	2/27/2018
Dissolved Metals (ug/L)	
Sodium, Dissolved	95800
Organochlorine Pesticides (ug/L)	NE
PCBs (ug/L)	ND
SVOCs (ug/L)	
Benzo(a)anthracene	0.02 J
Total Metals (ug/L)	
Iron, Total	1660
Manganese, Total	327.9
Sodium, Total	97900
VOCs (ug/L)	NE



Sample ID:	TW-4
Lab Sample ID:	L1806702-02
Date Sampled:	2/26/2018
Dissolved Metals (ug/L)	
Magnesium, Dissolved	37200
Sodium, Dissolved	124000
Organochlorine Pesticides (ug/L)	ND
PCBs (ug/L)	ND
SVOCs (ug/L)	
Benzo(a)anthracene	0.03 J
Benzo(b)fluoranthene	0.04 J
Total Metals (ug/L)	
Chromium, Total	302.2
Iron, Total	68300
Lead, Total	41.97
Magnesium, Total	69000
Manganese, Total	1017
Nickel, Total	171.2
Selenium, Total	14.1
Sodium, Total	113000
Thallium, Total	0.52
VOCs (ug/L)	ND

Sample ID:	TW-1
Lab Sample ID:	L1806702-01
Date Sampled:	2/26/2018
Dissolved Metals (ug/L)	
Sodium, Dissolved	85600
Organochlorine Pesticides (ug/L)	ND
PCBs (ug/L)	ND
SVOCs (ug/L)	
Benzo(a)anthracene	0.04 J
Benzo(a)pyrene	0.05 J
Benzo(b)fluoranthene	0.07 J
Total Metals (ug/L)	
Iron, Total	14300
Lead, Total	34.22
Manganese, Total	395.6
Selenium, Total	12.1
Sodium, Total	80700
VOCs (ug/L)	ND

LEGEND:

- SITE BOUNDARY
- ⊕ TEMPORARY WELL LOCATION

NOTES:

1. BASE MAP DEVELOPED FROM A BING PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS COLLECTED USING AUTODESK IN NOVEMBER 2017.

CHEMBOX LEGEND

NYS Ambient Water Quality Standard	
Media	Groundwater
Dissolved Metals (ug/L)	
Antimony, Dissolved	3
Iron, Dissolved	300
Magnesium, Dissolved	35000
Manganese, Dissolved	300
Sodium, Dissolved	20000
SVOCs (ug/L)	
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
Total Metals (ug/L)	
Antimony, Total	3
Arsenic, Total	25
Barium, Total	1000
Beryllium, Total	3
Cadmium, Total	5
Chromium, Total	50
Copper, Total	200
Iron, Total	300
Lead, Total	25
Magnesium, Total	35000
Manganese, Total	300
Mercury, Total	0.7
Nickel, Total	100
Selenium, Total	10
Sodium, Total	20000
Thallium, Total	0.5
Zinc, Total	2000

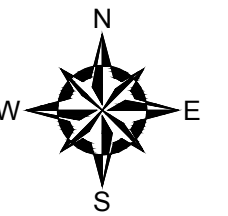
Exceeds NYS Ambient Water Quality Standard

ND = Not Detected

NE = No Exceedance

NA = Not Analyzed

J = The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.



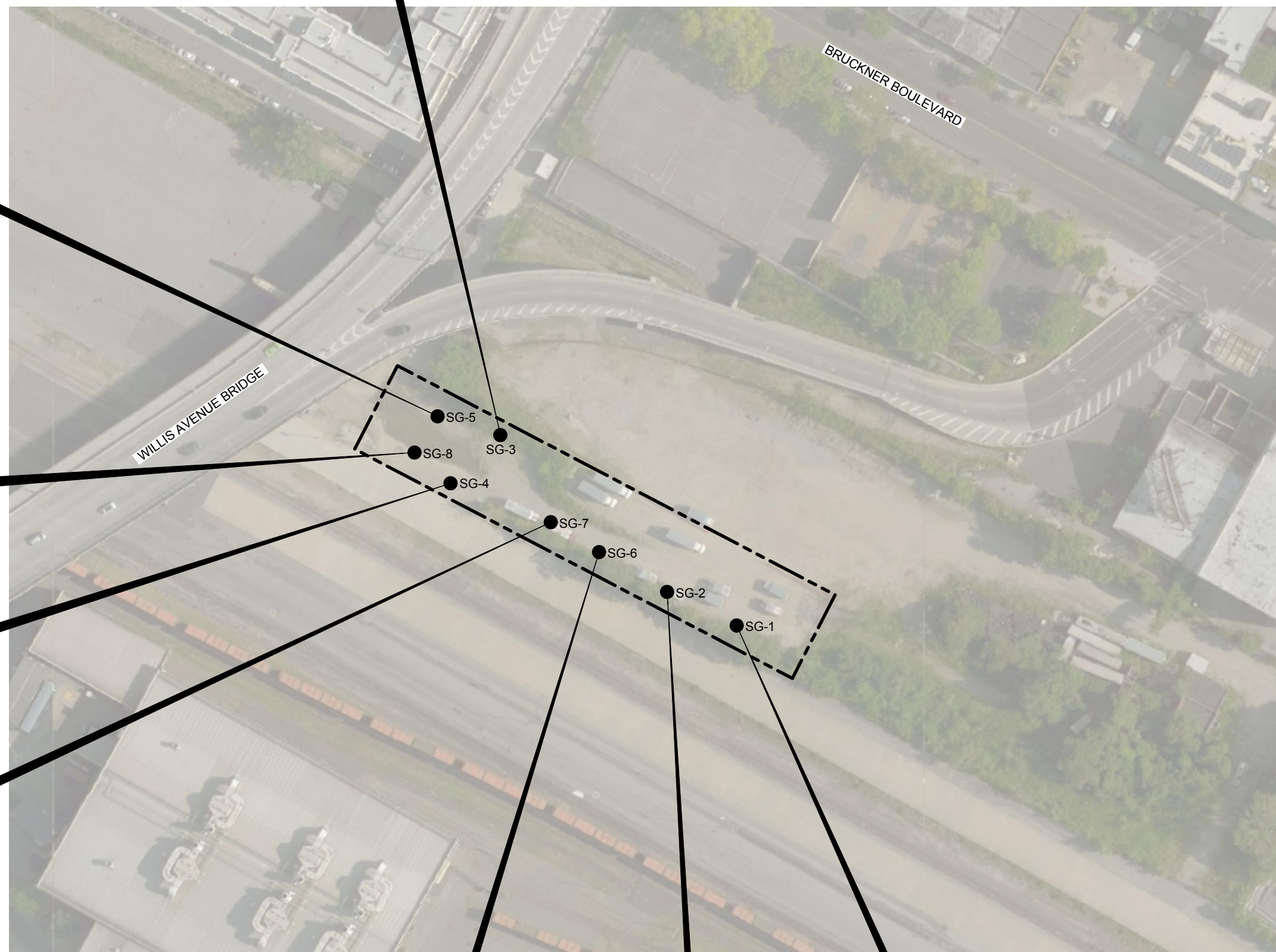
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WILLIS AVENUE
BRONX, NEW YORK

GROUNDWATER CHEMISTRY RESULTS

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: CARNEGIE MANAGEMENT
PROJ MGR: SH DESIGNED BY: CM DATE: MARCH 2018	REVIEWED BY: CM DRAWN BY: MT PROJECT NO. 12.0076605.00
CHECKED BY: SH SCALE: 1" = 100'	REVISION NO.
FIGURE 6	SHEET NO.



Sample ID:	SG-3
Lab Sample ID:	L1806981-03
Date Sampled:	2/26/2018
VOCs (mg/kg)	
cis-1,2-Dichloroethene	20.1
Vinyl chloride	102

Sample ID:	SG-5
Lab Sample ID:	L1806981-05
Date Sampled:	2/27/2018
VOCs (mg/kg)	NE

Sample ID:	SG-8
Lab Sample ID:	L1806981-08
Date Sampled:	2/27/2018
VOCs (mg/kg)	NE

Sample ID:	SG-4
Lab Sample ID:	L1806981-04
Date Sampled:	2/27/2018
VOCs (mg/kg)	NE

Sample ID:	SG-7
Lab Sample ID:	L1806981-07
Date Sampled:	2/27/2018
VOCs (mg/kg)	NE

Sample ID:	SG-6
Lab Sample ID:	L1806981-06
Date Sampled:	2/27/2018
VOCs (mg/kg)	NE

Sample ID:	SG-1
Lab Sample ID:	L1806981-01
Date Sampled:	2/26/2018
VOCs (mg/kg)	NE

Sample ID:	SG-2
Lab Sample ID:	L1806981-02
Date Sampled:	2/26/2018
VOCs (mg/kg)	NE

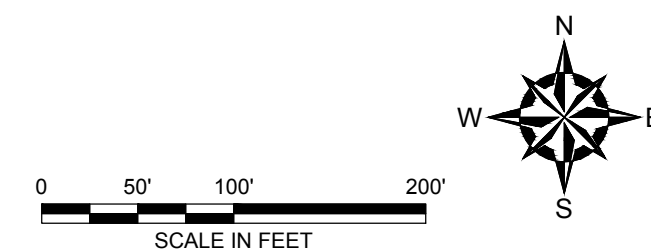
- LEGEND:**
- SITE BOUNDARY
 - SOIL GAS SAMPLE LOCATION

- NOTES:**
- BASE MAP DEVELOPED FROM A BING PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS COLLECTED USING AUTODESK IN NOVEMBER 2017.

CHEMBOX LEGEND

Media	Soil Gas		
	NY-SSC-A	NY-SSC-B	NY-SSC-C
Parameter			
Volatile Organics in Air (µg/m3)			
cis-1,2-Dichloroethene	6		
Vinyl chloride			6

This value exceeds New York DOH Matrix A, B, or C Sub-slab Vapor Concentrations Criteria.
 ND = Not Detected
 NE = No Exceedance
 NA = Not Analyzed



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WILLIS AVENUE
BRONX, NEW YORK

SOIL GAS CHEMISTRY RESULTS

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: CARNEGIE MANAGEMENT
PROJ MGR: SH DESIGNED BY: CM DATE: MARCH 2018	REVIEWED BY: CM DRAWN BY: MT PROJECT NO. 12.0076605.00
CHECKED BY: SH SCALE: 1" = 100'	REVISION NO.
FIGURE 7	SHEET NO.



APPENDIX D



Proactive by Design

GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION
MANAGEMENT

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QUALITY ASSURANCE PROJECT PLAN

**180 EAST 132ND STREET
BRONX COUNTY
BRONX, NEW YORK
BCP C203118**

PREPARED FOR:

Carnegie Management
545 Broadway 4th Floor, Brooklyn, NY

PREPARED BY:

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August 2019
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1.00 INTRODUCTION

GZA GeoEnvironmental of New York (GZA) has developed this Quality Assurance Project Plan (QAPP) to establish the procedures for sample collection, analysis and quality assurance for the Remedial Investigation (RI) to be performed at 180 East 132nd Street, Bronx, New York (the Site). Sampling and analytical activities will be conducted in accordance with this QAPP, and the applicable requirements of the New York State Department of Environmental Conservation (NYSDEC).

1.10 PROJECT SCOPE

This QAPP describes field, analytical and reporting standard operating procedures (SOPs) that will be utilized during RI. The information and data collected will be utilized to assess the environmental conditions at the Site. These procedures generally apply to the following activities:

- Groundwater monitoring well installation
- Monitoring well sampling
- Monitoring well gauging
- Soil sampling
- Soil gas sampling
- Laboratory analysis
- Report preparation

1.20 PROJECT OBJECTIVES

This QAPP was prepared to ensure that field sampling procedures, selected analytical methods, and chemical analytical data are of sufficient quality to meet the intended usage. As specific conditions and additional information warrant, this QAPP may be amended or revised to include Site-specific quality assurance/quality control (QA/QC) procedures. The information/data collected during RI will be used to assist in the further delineation of known Site contamination and to evaluate the potential impact of areas of concern not previously investigated.

1.30 SAMPLE DESIGN AND RATIONALE

The RI sampling program has been designed to evaluate soil, soil gas, and groundwater conditions of the Site prior to redevelopment.



2.00 PROJECT ORGANIZATION AND RESPONSIBILITIES

A description of specific roles and responsibilities is provided below.

The Project Manager will be responsible for:

- Initiating project activities;
- Identifying project staff, equipment, and other resource requirements;
- Interfacing with client concerning technical matters and project progress;
- Monitoring task activities, and adjusting efforts or resources, as required to help ensure that established quality objectives are maintained;
- Internal project administration; and
- Oversight of report preparation.

The Field Team Leader/Site Supervisor will be responsible for:

- Supervising the technical performance of the project staff and field subcontractors;
- Ensuring compliance with the work plan;
- Coordinating data validation and quality assurance;
- Report preparation; and
- Working with the Project Manager in coordinating overall project quality assurance including preparation of work plans and review of data.

The field team will be comprised of various members of GZA staff based on their availability.

The Health and Safety Coordinator will be responsible for working with the Project Manager and Field Team Leader/Site Supervisor in formulation of a Site-specific Health and Safety Plan.

Quality Assurance will be accomplished through the GZA Consultant Reviewer project review process.

3.00 QUALITY ASSURANCE OBJECTIVES FOR MEASUREMENT DATA

3.10 DATA QUALITY PROTOCOLS

New York State Department of Health Environmental Laboratory Accreditation Program (ELAP)-certified laboratories will provide analytical services for the Monitoring program. Groundwater and soil samples will be analyzed for one or more compound classes using the following analytical methods:



- TCL Volatile Organic Compounds (VOCs) by EPA Method 8260B
- Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270D
- TAL Metals by EPA Method 6010B
- Pesticides by EPA Method 8081A
- Polychlorinated Biphenyls (PCBs) by EPA Method 8082A
- 1,4-Dioxane by EPA Method 8270D Perfluorinated Alkyl Acids by EPA Method 537

Soil gas samples will be analyzed for VOCs via EPA Method TO-15

Sample containers, preservation, holding times and volumes will be in accordance with the particular EPA method.

3.20 ACCURACY

Accuracy is defined as the degree of agreement of a measurement or average of measurements with an accepted reference or true value. Accuracy will be evaluated by use of calibration and calibration verification procedures, laboratory control samples, and surrogate, matrix, and analytical spikes at the frequencies specified in Section 4.60. Not all accuracy checks are incorporated into each analytical method.

3.30 PRECISION

Precision is defined as a measure of mutual agreement among individual measurements of the sample property. Precision will be evaluated by the analysis of laboratory and matrix spike duplicate samples at the rate specified in Section 4.60. We will also collect 5% duplicate samples in the field for comparison purposes.

3.40 DATA REPRESENTATIVENESS

Samples will be collected in a standardized manner designed to produce representative samples. This QAPP and the RI are designed so that the samples collected will present an accurate representation of actual Site conditions.

3.50 DATA COMPARABILITY

Data comparability will be ensured by control of sample collection methodology, analytical methodology, and data reporting and by the usage of USEPA-approved methodologies. The QAPP and sampling methodologies are designed so that comparability questions are minimized. Standardized sampling techniques and analytical methods will be used to attain stated project objectives. The required level of laboratory deliverables will maximize comparability of analytical results.



3.60 DATA COMPLETENESS

The number of samples to be collected is based on the need for data completeness. Data gaps will be addressed when/if they occur by systematic re-sampling and/or increasing the number of sampling points.

4.00 SAMPLING PROCEDURES

Environmental sampling will include groundwater sampling, soil sampling and soil gas sampling. Additionally, wastes generated during well installation and development will be sampled and tested for characterization for disposal, as needed. Groundwater samples will be collected using bladder pumps, submersible pumps or bailers. Grab or composite sampling using appropriate hand-held sampling equipment will be the preferred method for waste characterization sampling.

4.10 GROUNDWATER SAMPLING (PERMANENT WELL)

Groundwater sampling of permanent monitoring wells is described according to the following distinct phases of this work: well installation/construction, well development, well purging, and well sampling.

4.1.1 Well Installation/Construction

Groundwater monitoring wells will be constructed of threaded two-inch diameter PVC well casing and 10-slot well screen. Clean silica sand (No. 1 sand) will be placed in the annular space around the well to a minimum of one foot above the top of the well screen, two feet being optimal. Solid PVC riser, attached to the well screen, will extend to grade or above if the well is a stick-up. For a two-inch diameter well, the annular space for the filter pack should be between 2 to 4 inches thick. (The 4 ¼ inside diameter hollow stem augers will be retracted as the filter pack is installed to yield the required annular space.) A two-foot thick bentonite seal will be placed above the sand pack and moistened with potable water for a minimum of 15 minutes before backfilling the remaining space with a cement-bentonite grout. If warranted by depth, filling will be completed using a tremie pipe placed below the surface of the grout. A stick-up or flush-mount protective casing with a locking well cap will be installed and a measuring point marked on each PVC well riser. Soils will be logged utilizing a modified Bernier classification system. Boring logs/well construction diagrams will be prepared for each well.

4.1.2 Well Development

Following installation, the groundwater monitoring wells will be developed using a two-inch diameter submersible pump(s) (or equivalent) until the water is reasonably free of turbidity. Fifty nephelometric turbidity units (NTUs) or less will be the turbidity goal but



not an absolute value. The wells will be developed aggressively to remove fines from the formation and sand pack. The wells will be allowed to equilibrate for 14 days prior to sampling. The volume of water removed, the well development time, and field instrument readings will be recorded in the field logbook.

4.1.3 Low Flow Well Sampling

Upon opening each monitoring well, the headspace will be measured using a PID and water level measurements will be recorded using an electronic water level meter or oil-water interface probe, as appropriate. The depth to product (if present), depth to water, and the total depth will be measured from the top of the marked PVC casings to an accuracy of 0.01 feet. Before sampling, the wells will be purged utilizing a low-flow submersible stainless steel pump with dedicated polyethylene tubing connected to a transparent flow cell. Very low purging rates are proposed, on the order of 100 ml/minute to 500 ml/minute, to minimize suspension of particulate matter in the well.

Groundwater from each well will be purged until turbidity, pH, temperature, dissolved oxygen and specific conductivity have stabilized. As practical, all field measurements will be taken from the flow cell and will be recorded in the field logbook during and after purging, and before sampling.

Purging will be performed with the pump intake placed at the midpoint of the well screen or the midpoint of the water column (to be determined based on the depth and length of the screen interval) to insure that all stagnant water in the well is removed, while not stirring up sediment that may have accumulated on the bottom of the well. Equipment will be lowered into the well very carefully to prevent suspension of bottom sediment and subsequent entrainment onto sampling equipment. Surging will be avoided. Dedicated tubing will be used for each well. Pumps will be carefully cleaned between wells according to the procedures specified in **Section 4.70**. Ideally, pumping rates will be at a rate so that no drawdown of the groundwater level occurs (i.e., pumping rate is less than recharge rate). During purging, the sampler will actively monitor and track the volume of water purged and the field parameter readings. Data will be recorded in the field logbook or well purge data sheet. Sampling personnel will wear phthalate-free gloves such as nitrile (no latex will be used) and will avoid contact of the gloves with the sample. Only clean instruments will be allowed to touch the sample.

The samples will be collected in laboratory prepared sample bottles (pre-preserved, if appropriate), placed in iced coolers and removed from light immediately after collection. In addition, all sample bottles must be filled to the top so that no aeration of the samples occurs during transport. All bottles will be filled to avoid cascading and aeration of the samples, the goal being to minimize any precipitation of colloidal matter.

4.20 FIELD DATA COLLECTION



Data to be collected in the field may include:

- Groundwater level and/or free product level measurements via electronic water level indicator, oil/water interface probe and/or pressure-based water level data loggers;
- Pumping rates (calculated based on gallons pumped in a measured time);
- Water quality parameters including temperature, pH, oxidation-reduction potential, dissolved oxygen, specific conductivity, turbidity, etc. via water quality field meter, and
- Volatile organic compound screening for soils and well headspace via PID.

Field data will be recorded in the field logbook, boring log forms and/or well purge datasheets.

4.30 SOIL SAMPLING

4.3.1 Soil Sampling (Direct Push)

Sampling will be performed using four or five-foot-long acetate sleeves that will be advanced continuously to the desired depth below the surface. Soil samples from each sleeve will be screened using a photoionization detector (PID), to detect possible organic vapors. Organic vapor screening will be performed by slicing open the acetate sleeve, making a small slice in the soil column with a clean knife or sampling tool, inserting the PID probe and pushing the slice closed, and monitoring the soil for approximately 5 to 10 seconds. This procedure will be repeated at intervals along the soil column at the field geologist's discretion.

The samples will be examined for staining, discoloration, odors, and debris indicative of contamination (ash, coal fragments, wood chips, cinders, petroleum staining, etc.) Samples for laboratory analysis will be collected from the six-inch interval most likely to be contaminated, based on PID readings, discoloration, staining, and the field geologist's judgment (field conditions may require a section longer than six inches to make sufficient sample; however this decision will be field-based).

The samples will be collected by cutting the soil in two places with a decontaminated steel, stainless steel, or aluminum trowel, spoon, or knife and homogenized in a decontaminated stainless steel pan before being placed in the sample bottles. Samples collected for analysis for VOCs and total organic halides will be placed directly into the sample containers without homogenization (as per EPA sampling method 5035A). Samplers will wear phthalate-free gloves such as nitrile (no latex will be used) and will avoid contact of the gloves with the sample. Only clean metal instruments will be allowed to touch the sample. If there is insufficient soil volume in the spoon, then this will be made up by attempting a second direct push sleeve at the same depth, or by using the next immediate sample interval above or below this depth, if appropriate. If there is no recovery, then the sample depth will be skipped, and drilling will progress to the next depth interval.



Soil samples will be collected in laboratory provided containers and transported to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory, under proper chain of custody procedures for analysis. Once the sample containers are filled, they will be immediately placed in the cooler with ice (in Ziploc plastic bags to prevent leaking) or synthetic ice packs to maintain the samples at below 4°C.

4.40 SOIL GAS SAMPLING

4.4.1 Soil Gas Sampling (Direct Push)

A direct-drive rig will be utilized to drive rods with a decontaminated stainless-steel probe through six-mil plastic sheeting to the desired sample depth, which will be approximately 1.5 feet above the capillary fringe. The soil gas probe will then be purged at a flow rate not greater than 0.2 liters/minute to evacuate one to three volumes using a photoionization detector (PID) with an integrated vacuum pump (PhotoVac 2020 or appropriate alternate). No PID readings will be taken prior to sample collection. Following the stabilization period, each probe will be connected to an evacuated laboratory-supplied SUMMA[®] canister. SUMMA[®] canisters are passivated stainless steel vessels that have been cleaned and certified contaminant-free by the contract laboratory. Each SUMMA[®] canister will be shipped to the sampling site under a high vacuum (30" Hg) to ensure that the canister remains free of contaminants prior to use. After connecting the SUMMA[®] canister to the soil gas probe, a regulator valve on the canister will be opened and the vacuum will slowly draw the sample into the canister over a period of two hours. The samples will not be drawn at greater than 0.2 liters per minute. Quantitation limits for all analytes range between 1.6 ppbV and 4.0 ppbV, depending on the compound. After collecting the soil gas sample, the valve will be closed and disconnected from the soil gas probe. The soil-gas samples will be shipped overnight to a New York ELAP certified laboratory for TO-15 analysis.

A tracer gas (e.g., helium, butane, or sulfur hexafluoride) will be utilized prior to sample collection to evaluate the potential for infiltration of outdoor air into the sample. Subsequent rounds of soil gas sampling would include the use of tracer gas only if the initial round of sampling indicates that outdoor air has the potential to influence soil gas sample results.

When soil vapor samples are collected, the following conditions that may influence the interpretation of results will be documented:

- Identification of any nearby commercial or industrial buildings that likely uses volatile organic compounds;



- A sketch of the Site, showing streets, neighboring commercial or industrial facilities (with estimated distances to the Site, and soil-gas sampling locations);
- Weather conditions (e.g., precipitation, outdoor temperature, barometric pressure, wind speed and direction); and
- Any pertinent observations, such as odors or readings from field instrumentation.

4.50 QC SAMPLE COLLECTION

QC samples may include equipment rinsate/field blanks, trip blanks, sample duplicates and matrix spike/matrix spike duplicates (MS/MSDs).

Equipment Rinsate/Field Blanks will be used to check for potential contamination from ambient air and/or field sampling equipment. Equipment rinsate/field blanks will be collected in the field by pouring laboratory-supplied deionized water over/through decontaminated sampling equipment prior to sample collection. Equipment rinsate/field blanks will be submitted to the laboratory at a frequency of one per 20 soil samples. For groundwater samples, an equipment/rinsate blank will be collected for each sampling day when more than one groundwater sample is collected. Equipment rinsate/field blank analytical parameters will match sample analytical parameters. Equipment rinsate/field blanks will not be collected for samples associated with waste disposal.

Trip Blanks will be used to assess the potential for volatile organic compound contamination of groundwater samples due to contaminant migration during sample shipment and storage. Trip blanks will consist of laboratory-supplied deionized water. Trip blanks are never opened and travel to and from the Site with the empty and full sample bottles. Trip blanks are stored with the investigative samples and kept closed until analyzed by the laboratory. Trip blanks will be submitted to the laboratory at a frequency of one per cooler that contains groundwater samples for VOC analysis only.

Sample Duplicates are an additional aliquot of the same sample submitted for the same parameters as the original sample. Sample duplicates will be used to assess sampling and analytical reproducibility. Duplicate samples consist of an actual sample taken in the field that has been split into two identical aliquots and put into two separate sampling containers. Each duplicate of a soil sample (except for the VOC fraction) will be homogenized in a dedicated stainless steel pan prior to alternately filling the sample containers. The volatile fraction for soils will be collected directly from the sampling device without homogenization. Sample duplicates will be analyzed as two separate samples and submitted at a frequency of one per 20 samples for all matrices and all parameters with the exception of parameters collected for waste characterization purposes.

MSs and MSDs are two additional aliquots of the same sample submitted for the same parameters as the original sample. However, the additional aliquots are spiked with the compounds of concern. Matrix spikes provide information about the effect of the sample



matrix on the measurement methodology. MS/MSDs samples will be selected by the laboratory at a frequency of one per 20 investigative samples per matrix for organic parameters. MSs will be submitted at a frequency of one per 20 investigative samples per matrix for inorganic parameters.

4.60 SAMPLE PRESERVATION AND CONTAINERIZATION

The analytical laboratory will supply the sample containers for the applicable samples. These containers will be cleaned by the manufacturer to meet or exceed all analyte specifications established in the latest U.S. EPA's *Specifications and Guidance for Contaminant-Free Sample Containers*. The containers will be pre-preserved, as required by the analytical method.

4.70 EQUIPMENT DECONTAMINATION

Stainless steel, and aluminum sampling equipment will be cleaned between each use in the following manner:

- Wash/scrub with a biodegradable degreaser (“Simple Green”) if there is oily residue on equipment surface
- Tap water rinse
- Wash and scrub with Alconox and water mixture
- Tap water rinse
- 10 percent HNO₃ rinse for non-dedicated, stainless steel groundwater sampling equipment for metals analysis only (excludes submersible pump and flow cell) and 1 percent HNO₃ rinse for non-dedicated, non-stainless steel equipment.
- Hexane rinse (optional, only if required to remove heavy petroleum coating)
- Distilled/deionized water rinse
- Air dry

Cleaned equipment will be wrapped in aluminum foil if not used immediately after air-drying.

Groundwater sampling pumps (whale pumps) will be cleaned by washing and scrubbing with an Alconox/water mixture, rinsing with tap water and irrigating with distilled/deionized water.



Bladder pumps will utilize dedicated bladders, o-rings and grab plates. Bladder pumps will be cleaned by taking apart the pump and washing and scrubbing with an Alconox/water mixture, rinsing with tap water and irrigating with distilled/deionized water. Once the pump is clean, new dedicated parts (bladder, o-rings and grab plate) will be installed.

Disposable, dedicated equipment (e.g. bailers, tubing, etc.) will be used to the extent feasible.

5.00 DOCUMENTATION AND CHAIN-OF-CUSTODY

5.10 SAMPLE COLLECTION DOCUMENTATION

5.1.1 Field Data Documentation/Field Logs

A system of logging pertinent data collected during sampling operations will be maintained using bound field logbooks. Each page will be numbered, dated, and initialed or signed by the person making the entry. Entries will be made in ink. Errors will be crossed out with a single line, initialed, and dated. At the completion of the day, if a page is not complete, a diagonal line will be drawn through the remainder of the page with the signature at the bottom.

Sample locations will be recorded and referenced to the Site map so that each location is permanently established. Samples will be tagged or labeled with pertinent Site information at the time of sampling. **Section 5.1.3** describes sample identification. Pertinent Site information to be supplied in the field log for each task is listed below:

- Initials or Signature of note taker
- Name and location of investigation
- Date and time of arrival and departure
- Names of all personnel on-Site and their affiliation
- Purpose of the visit
- Field instruments used, date and time of calibration and calibration checks, method of calibration, standards used
- Field measurement results
- Date, time, and location of all sampling points
- Method of sample collection
- Factors that could affect sample integrity
- Name of sampler(s)
- Sample identification and sample description
- Documentation of conversations with the client, regulatory personnel, field decisions, and approval
- Sample locations intervals



- Weather conditions
- Inventory of drum contents and storage location for each drum of waste material generated.

Field notebooks should contain only factual information entered as real-time notes, which will enable the user to recreate events on-Site. Drilling/boring logs and monitoring well construction details will be recorded in the field notebook and/or on a separate boring log/well construction form for each boring/monitoring well. Soil descriptions will be based on a modified Burmister soil classification system, where minor components and relative soil density will not be specified. Strata not sampled will be so indicated. Groundwater sampling field data will be recorded in the field notebook and/or on separate purge data sheet for each monitoring well sampled.

5.1.2 Chain-of-Custody Records

Sample custody is discussed in detail in **Sections 5.1.4 through 5.1.6** of this Plan. Chain-of-custody records are initiated by the samplers in the field. The field portion of the custody documentation should include: (1) the project name; (2) signature(s) of sampler(s); (3) the sample number, date and time of collection, and whether the sample is grab or composite; and (4) if applicable, air bill or other shipping number. Sample receipt and log-in procedures at the laboratory are described in **Section 5.1.6** of this Plan.

Samples will be transferred to the custody of the respective laboratories via third-party commercial carriers or via laboratory courier service within timeframes required by NJDEP field sampling procedures.

5.1.3 Sample Labeling

Immediately upon collection, each sample will be labeled with an adhesive label, which includes the date and time of collection, sampler's initials, tests to be performed, preservative (if applicable), and a unique identifier. The following identification scheme will be used:

A. The sample ID number will include the soil, soil gas, sediment, wastewater, or monitoring well location, along with the sample depth, sample interval, and the depth interval at which it was collected.

Example:

Sample P-9(5-5.5') indicates the sample was taken at boring location P-9, from the 6-inch interval in the spoon beginning at 5.0 feet below grade and ending at 5.5 feet below grade.

Duplicate samples will be labeled as blind duplicates by giving them sample numbers indistinguishable from a normal sample.



Blanks should be spelled out and identify the associated matrix, e.g. Field Blank

MS/MSDs will be noted in the Comments column of the COC.

B. The analysis required will be indicated for each sample.

Example: SVOC

C. Date taken will be the date the sample was collected, using the format: MM-DD-YY.

Example: 03-22-12

D. Time will be the time the sample was collected, using military time.

Example: 14:30

E. The sampler's name will be printed in the "Sampled By" section.

F. Other information relevant to the sample.

Example: Equipment Blank

A sample label will contain the following information:

Job No.
 Client:
 Sample Number
 Date _____ Sample Time
 Sample Matrix
 Grab or Composite (explain)
 Preservatives
 Analyses
 Sampler Signature

An example sample label is presented below:

Job No: XXXXXXXXXX
 Client: Name
 Sample No: OU1-B22(5-5.5')
 Matrix: Soil
 Date Taken: 3/22/12



Time Taken: 14:30
Sampler: B. Smith
Analysis: SVOC

This sample label contains the authoritative information for the sample. Inconsistencies with other documents will be settled in favor of the vial or container label unless otherwise corrected in writing from the field personnel collecting samples.

5.1.4 Sample Custody

A sample is considered to be under a person's custody if:

- the item is in the actual possession of a person
- the item is in the view of the person after being in actual possession of the person
- the item was in the actual physical possession of the person but is locked up to prevent tampering
- the item is in a designated and identified secure area

5.1.5 Field Custody Procedures

Samples will be collected following the sampling procedures documented in **Section 4.00** of this Plan. Documentation of sample collection is described in **Section 5.1.1** of this Plan. Sample chain-of-custody and packaging procedures are summarized below. These procedures are intended to ensure that the samples will arrive at the laboratory with the chain-of-custody intact.

- The field sampler is personally responsible for the care and custody of the samples until they are transferred or dispatched properly. Field procedures have been designed such that as few people as possible will handle the samples.
- All bottles will be identified by the use of sample labels with sample numbers, sampling locations, date/time of collection, and type of analysis. The sample labeling system is presented in **Section 5.1.3** of this Plan.
- Sample labels will be completed for each sample using waterproof ink unless prohibited by weather conditions. For example, a logbook notation would explain that a pencil was used to fill out the sample label because the pen would not function in wet weather.
- Samples will be accompanied by a properly completed chain-of-custody form. The sample numbers and locations will be listed on the chain-of-custody form. When transferring the possession of samples, the individuals relinquishing and receiving will sign, date, and note the time on the record. This record documents the transfer of



custody of samples from the sampler to another person, to the analytical laboratory courier, or to/from a secure storage location.

- All shipments will be accompanied by the chain-of-custody record identifying the contents. The original record will accompany the shipment, and copies will be retained by the sampler and placed in the project files.
- Samples will be properly packaged for shipment and dispatched to the appropriate laboratory for analysis, with a separate signed custody record enclosed in and/or secured to the inside top of each sample box or cooler. If using a commercial carrier service to ship sample containers to the laboratory, the containers will be secured with strapping tape and custody seals. The custody seals will be attached to the front right and back left of the cooler and covered with clear plastic tape after being signed by field personnel. The cooler will be strapped shut with strapping tape in at least two locations.
- If the samples are sent by commercial carrier, the air bill will be used. Air bills will be retained as part of the permanent documentation. Commercial carriers are not required to sign off on the custody forms since the custody forms will be sealed inside the sample cooler and the custody seals will remain intact.
- Samples remain in the custody of the sampler until transfer of custody is completed. This consists of delivery of samples to the laboratory sample custodian or laboratory courier, and signature of the laboratory sample custodian or courier on the chain-of-custody document as receiving the samples and signature of sampler as relinquishing samples.

5.1.6 Laboratory Custody Procedures

Samples will be received and logged in by a designated sample custodian or his/her designee. Upon sample receipt, the sample custodian will:

- Examine the shipping containers to verify that the custody tape is intact, if applicable,
- Examine all sample containers for damage,
- Determine if the temperature required for the requested testing program has been maintained during shipment and document the temperature on the chain-of-custody records,
- Compare samples received against those listed on the chain-of-custody,



- Verify that sample holding times have not been exceeded,
- Examine all shipping records for accuracy and completeness,
- Determine sample pH (if applicable) and record on chain-of-custody forms
- Sign and date the chain-of-custody immediately (if shipment is accepted) and attach the air bill,
- Note any problems associated with the coolers and/or samples on the cooler receipt form and notify the Laboratory Project Manager, who will be responsible for contacting GZA,
- Attach laboratory sample container labels with unique laboratory identification and test, and
- Place the samples in the proper laboratory storage.

Following receipt, samples will be logged in according to the following procedure:

- The samples will be entered into the laboratory tracking system. At a minimum, the following information will be entered: project name or identification, unique sample numbers (both client and internal laboratory), type of sample, required tests, date and time of laboratory receipt of samples, and field ID provided by field personnel.
- The Laboratory Project Manager will be notified of sample arrival.
- The completed chain-of-custody, air bills, and any additional documentation will be placed in the final evidence file.

5.20 SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

No field analyses are anticipated for this program. If site conditions were to warrant field analysis, the responsible contractor will prepare an addendum establishing the field analytical procedures. Analyses of all soil, groundwater, and waste classification samples will be performed by a New Jersey ELAP Certified laboratory, certified for the specific analyses to be performed (e.g. TestAmerica Laboratories of Edison, NJ or Aqua Pro-Tech Laboratories in Fairfield, NJ or equivalent laboratory).

5.30 SAMPLE PRESERVATION



5.3.1 Groundwater Samples

Samples collected for non-VOC analyses will be collected in 1000-ml amber glass containers. VOC samples will be collected in 40 ml VOA vials. All samples will be placed immediately in the sample cooler to be maintained at 4°C.

5.3.2 Soil Samples

Samples collected for non-VOC analyses will be collected in 300-ml amber glass containers. VOC samples will be collected in 5g EnCore[®] Samplers. All samples will be placed immediately in the sample cooler to be maintained at 4°C.

5.40 INVESTIGATION-DERIVED WASTE

Drill cuttings and purged well water will be containerized in DOT-approved or equivalent 55-gallon drums and stored on-Site pending analysis and proper off-Site disposal.

6.00 CALIBRATION/ANALYTICAL PROCEDURES

6.10 LABORATORY CALIBRATION

Calibration procedures for a specific laboratory instrument will consist of initial calibrations, initial calibration verifications, and/or continuing calibration verification. Detailed descriptions of the calibration procedures for a specific laboratory instrument are included in the laboratory's standard operating procedures (SOPs), which describe the calibration procedures, their frequency, acceptance criteria, and the conditions that will require recalibration. These procedures are as required in the respective analytical methodologies. The initial calibration associated with all analyses must contain a low-level calibration standard which is less than or equal to the quantitation limit.

6.20 LABORATORY PREVENTIVE MAINTENANCE

Preventative maintenance and periodic maintenance will be performed as needed and documented in laboratory notebooks, instrument maintenance logbooks, or work orders as appropriate in accordance with method-specific requirements.

6.30 FIELD CALIBRATION

Field calibration and measurement results will be maintained in bound logbooks assigned to the specific instrument and/or field logbooks. Qualified personnel shall perform initial calibrations of field instruments prior to mobilization of equipment to the Site.



Electronic water level indicators will be calibrated when new, damaged, or repaired. The electronic water level indicator will be calibrated against a calibrated steel surveyor's tape to within 0.01 (one hundredth) of a foot per 10 feet of length.

Water quality meters used, including pH, dissolved oxygen, and conductivity probes, will be calibrated in accordance with the manufacturer's specifications in the field at the start of each days sampling activities and throughout the day as required by NJDEP sampling requirements.

PID screening instruments will be calibrated daily prior to field activities according to the instrument manufacturer's specifications using certified calibration gases. Sampling personnel shall perform battery checks daily. The recorded calibration information includes date of calibration, standards used, and calibration results.

6.40 FIELD PREVENTIVE MAINTENANCE

Field instruments will be checked prior to use in the field according to the procedures and frequencies specified by the manufacturer. GZA utilizes a commercial instrument rental company (e.g. Pine Environmental) to provide field instrumentation. Records of factory calibrations and instrument maintenance will be maintained by the instrument rental company. Field maintenance will be performed as needed and recorded in the field logbook.

7.00 DATA REPORTING AND VALIDATION

Laboratory deliverables will include, at a minimum:

1. A cover page, including facility name and address, laboratory name and address, laboratory certification number, date of analytical report preparation, and signature of laboratory director.
2. A contents page.
3. A non-conformance summary
3. A listing of all field sample identification numbers and corresponding laboratory sample identification numbers
3. A listing of the analytical methods used
4. Detection limits for each analyte
5. Tabulated sample results, including date of analysis
6. Method blank results
7. Chain-of-custody documents
8. Temperature of sample at receipt



Errors in reporting identified during the data review process must be corrected by the reporting laboratory.



APPENDIX E

GZA SITE-SPECIFIC HEALTH, SAFETY & ACCIDENT PREVENTION STANDARD-PLAN

4. SUB-SURFACE WORK, UNDERGROUND UTILITY LOCATION	
Will subsurface explorations be conducted as part of this work (drilling or excavation)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Will GZA personnel be required to use a hand-auger as part of this work?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Site property ownership where underground explorations will be conducted on: Carnegie Management	Public Access Property <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Private Property <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Have Necessary Underground Utility Notifications for Subsurface Work Been Made?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Yet to be conducted
Specify Clearance Date & Time, Dig Safe Clearance I.D. #, And Other Relevant Information: Geophysical clearance was done on January 31, 2018 with Goldstar.	
IMPORTANT! For subsurface work, prior to the initiation of ground penetrating activities, GZA personnel to assess whether the underground utility clearance (UUC) process has been completed in a manner that appears acceptable, based on participation/ confirmation by other responsible parties (utility companies, subcontractor, client, owner, etc.), for the following:	
Electric:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> Other _____
Fuel (gas, petroleum, steam):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> Other _____
Communication:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> Other _____
Water:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> Other _____
Sewer:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> Other _____
Other: _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA <input type="checkbox"/> Other _____
Comments:	

5. HAZARD ASSESSMENT (CHECK ALL THAT APPLY AND ADDRESS EACH HAZARD IN SECTION 6)

A. GENERAL FIELDWORK HAZARDS

<input type="checkbox"/> Confined Space Entry (Add Confined Space Entry Permit)	<input checked="" type="checkbox"/> Overhead Hazards (i.e. falling objects, overhead power lines)
<input type="checkbox"/> Abandoned or vacant building/Enclosed Spaces	<input type="checkbox"/> Portable Hand Tools or Power Tools
<input checked="" type="checkbox"/> Significant Slip/Trip/Fall Hazards	<input type="checkbox"/> Significant Lifting or Ergonomic Hazards
<input type="checkbox"/> Unsanitary/Infectious Hazards	<input type="checkbox"/> Electrical Hazards (i.e. Equipment 120 Volts or Greater, Work Inside Electrical Panels, or Maintenance of Electrical Equipment)
<input type="checkbox"/> Poisonous Plants	<input type="checkbox"/> Other Stored energy Hazards (i.e. Equipment with High Pressure or Stored Chemicals)
<input checked="" type="checkbox"/> Biting/Stinging Insects	<input type="checkbox"/> Fire and/or Explosion Hazard
<input type="checkbox"/> Feral Animal Hazards	<input checked="" type="checkbox"/> Elevated Noise Levels
<input type="checkbox"/> Water/Wetlands Hazards	<input type="checkbox"/> Excavations/Test Pits
<input type="checkbox"/> Remote Locations/Navigation/Orientation hazards	<input type="checkbox"/> Explosives or Unexploded Ordinance/MEC
<input checked="" type="checkbox"/> Heavy Traffic or Work Alongside a Roadway	<input type="checkbox"/> Long Distance or Overnight Travel
<input checked="" type="checkbox"/> Weather-Related Hazards	<input checked="" type="checkbox"/> Personal Security or High Crime Area Hazards
<input checked="" type="checkbox"/> Motor vehicle operation Hazards	<input type="checkbox"/> Working Alone
<input checked="" type="checkbox"/> Heavy Equipment Hazards	<input type="checkbox"/> Ionizing Radiation or Non-Ionizing Radiation
<input type="checkbox"/> Structural Hazards (i.e. unsafe floors/stairways/roof)	<input checked="" type="checkbox"/> Chemical/Exposure Hazards (See Part B for Details)
<input type="checkbox"/> Demolition/Renovation	<input type="checkbox"/> Other:
<input checked="" type="checkbox"/> Presence of Pedestrians or the General Public	

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B. CHEMICAL/EXPOSURE HAZARDS (CONTAMINANTS ARE CONTAINED IN X SOIL, WATER, XGROUNDWATER)

<input type="checkbox"/> No chemical hazards anticipated <input type="checkbox"/> Hydrogen Sulfide (H ₂ S) <input type="checkbox"/> Cyanides, Hydrogen Cyanide (HCN) <input type="checkbox"/> Carbon Monoxide <input type="checkbox"/> Herbicides, Pesticide, Fungicide, Animal Poisons <input checked="" type="checkbox"/> Metals, Metal Compounds: <input type="checkbox"/> Corrosives, Acids, Caustics, Strong Irritants <input type="checkbox"/> Polychlorinated Biphenyls (PCBs) <input checked="" type="checkbox"/> Polycyclic Aromatic Hydrocarbons (PAHs) <input type="checkbox"/> Compressed Gases <input type="checkbox"/> Flammable/Combustible Liquids <input type="checkbox"/> Radiation Hazards (i.e. radioactive sealed/open source, x-rays, ultra violet, infrared, radio-frequency, etc.)	<input type="checkbox"/> Methane <input type="checkbox"/> Chemicals Subject to OSHA Hazard Communication (attach Safety Data Sheet for each chemical GZA brings to the site) <input type="checkbox"/> Containerized Waste, Chemicals in Piping & Process Equipment <input type="checkbox"/> Emissions from Gasoline-, Diesel-, Propane-fired Engine, Heater, Similar Equipment <input type="checkbox"/> General Work Site Airborne Dust Hazards <input type="checkbox"/> Volatile Organic Compounds (VOCs), BTEX <input checked="" type="checkbox"/> Chlorinated Organic Compounds <input type="checkbox"/> Fuel Oil, Gasoline, Petroleum Products, Waste Oil <input type="checkbox"/> Asbestos <input type="checkbox"/> Oxygen Deficiency, Asphyxiation Hazards <input type="checkbox"/> Other: Unsure of chemical hazards; will monitor soil with PID.
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6. SITE-SPECIFIC OVERVIEW OF H&S HAZARDS/MITIGATIONS (NOTE: Based on Hazard Assessment, Section 5)	
Describe the major hazards expected to be present at the jobsite, and describe the safety measures to be implemented for worker protection (refer to items checked in Section 5 above). Use brief abstract statements or more detailed narrative as may be appropriate.	
ON-SITE HAZARDS:	HAZARD MITIGATIONS:
Task Hazard Analyses	04.02 – Groundwater Sampling; 04.05 – Soil Gas Sampling; 20.11 – Field Sampling; 21.01 Outdoor Field Work
Significant Slip/Trip/Fall Hazards	Be wary of walking through the Site. The Site is currently leased and used by Flatrate moving. Be mindful of tools/equipment on the ground throughout the Site. Maintain orderly work area. Identify and mark trip hazards.
Biting/Stinging Insects	If work is performed in the spring/summer, be mindful of insects. Wear bug repellent and treat any stings or bites immediately.
Heavy Traffic or Work Alongside a Roadway	Watch for trucks and machinery coming in and out of the Site.
Weather-Related Hazards	Dress appropriately for the weather. During winter, wear layers and take breaks in heated vehicle if necessary.
Motor Vehicle Operation Hazards/Traffic	Be mindful of vans that the current tenant uses and moves on-Site. Watch for moving vehicles. Wear high-visibility gear and set up work zone with traffic cones or stancions.
Heavy Equipment Hazards/Overhead Hazards	Be mindful of location relative to the drill rig. Wear hard hat when working near the drill rig. Lower boom when moving drilling rig. Maintain a distance for at least 10 feet from active overhead lines.
Presence of Pedestrians or the General Public	Watch for presence of tenants on-Site when working. Ensure no pedestrians approach the drill rig when in use.
Elevated noise levels	Work is to be performed in the Bronx: noise levels are generally those of a typical city. Wear ear protection if noise levels are higher than normal and during drilling operations.
Personal Security or High Crime Area Hazards	Be mindful of surroundings when working around the Site. Use buddy system when going off-Site. Do not leave valuables unattended or visible in vehicle.
Chemical Exposure Hazards	Be alert for site contaminants (as indicated by odor, visual characteristics, location, and site history). Wear gloves when in contact with contaminants. Wash hands prior to eating and drinking.

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7. AIR MONITORING ACTION LEVELS – Make sure air monitoring instruments are in working order, calibrated before use, and ‘bump-checked’ periodically throughout the day and/or over multiple days of use

Is air monitoring to be performed for this project? Yes No

ACTION LEVELS FOR OXYGEN DEFICIENCY AND EXPLOSIVE ATMOSPHERIC HAZARDS (Action levels apply to occupied work space in general work area)

Applicable, See Below. Not Applicable

Parameter	Response Actions for Elevated Airborne Hazards
Oxygen	At 19.5% or below – Exit area, provide adequate ventilation, or proceed to Level B, or discontinue activities Verify presence of adequate oxygen (approx. 12% or more) before taking readings with LEL meter. Note: If oxygen levels are below 12%, LEL meter readings are not valid.
LEL	Less than 10% LEL – Continue working, continue to monitor LEL levels Greater than or Equal to 10% LEL – Discontinue work operations and immediately withdraw from area. Resume work activities ONLY after LEL readings have been reduced to less than 10% through passive dissipation, or through active vapor control measures.

ACTION LEVELS FOR INHALATION OF TOXIC/HAZARDOUS SUBSTANCES (Action levels are for sustained breathing zone concentrations)

Applicable, See Below. Not Applicable

Air Quality Parameters (Check all that apply)	Remain in Level D or Modified D	Response Actions for Elevated Airborne Hazards
<input checked="" type="checkbox"/> VOCs	0 to 5 ppm	From 5 ppm to 25 ppm: Proceed to Level C, or Ventilate, or Discontinue Activities If greater than 25 ppm: Discontinue Activities and consult EHS Team
<input type="checkbox"/> Carbon Monoxide	0 to 35 ppm	At greater than 35 ppm, exit area, provide adequate ventilation, proceed to Level B, or discontinue activities.
<input type="checkbox"/> Hydrogen Sulfide	0 to 10 ppm	At greater than 10 ppm, exit area, provide adequate ventilation, proceed to Level B, or discontinue activities
<input type="checkbox"/> Dust	0 to mg/m ³	
<input type="checkbox"/>	0 to	

SPECIAL INSTRUCTIONS/COMMENTS REGARDING AIR MONITORING (IF APPLICABLE)

8. HEALTH AND SAFETY EQUIPMENT AND CONTROLS

AIR MONITORING INSTRUMENTS

- PID Type: MiniRae Lamp Energy: 10.6 eV
- FID Type:
- Carbon Monoxide Meter
- Hydrogen Sulfide Meter
- O₂/LEL Meter
- Particulate (Dust) Meter
- Calibration Gas Type
- Others:

OTHER H&S EQUIPMENT & GEAR

PERSONAL PROTECTIVE EQUIPMENT

- Respirator – Type
- Respirator - Cartridge Type:
- Hardhat
- Outer Gloves Type: Nitrile; work gloves, as needed
- Inner Gloves Type:
- Steel-toed boots/shoes
- Coveralls – Type
- Outer Boots – Type
- Eye Protection with side shields
- Face Shield

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<input type="checkbox"/> Fire Extinguisher <input type="checkbox"/> Caution Tape <input checked="" type="checkbox"/> Traffic Cones or Stanchions <input type="checkbox"/> Warning Signs or Placards <input checked="" type="checkbox"/> Decon Buckets, Brushes, etc. <input type="checkbox"/> Portable Ground Fault Interrupter (GFI) <input type="checkbox"/> Lockout/Tagout Equipment <input type="checkbox"/> Ventilation Equipment <input type="checkbox"/> Others:	<input checked="" type="checkbox"/> Traffic Vest <input type="checkbox"/> Personal Flotation Device (PFD) <input type="checkbox"/> Fire Retardant Clothing <input type="checkbox"/> EH (Electrical Hazard) Rated Boots, Gloves, etc. <input checked="" type="checkbox"/> Noise/Hearing Protection <input type="checkbox"/> Others: Discuss/Clarify, as Appropriate:
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9. H&S TRAINING/QUALIFICATIONS FOR FIELD PERSONNEL	
<input checked="" type="checkbox"/> Project-Specific H&S Orientation (Required for All Projects/Staff) <input checked="" type="checkbox"/> OSHA 40-Hour HAZWOPER/8 Hour Refreshers <input checked="" type="checkbox"/> Hazard Communication (for project-specific chemical products) <input checked="" type="checkbox"/> First Aid/CPR (required for HAZWOPER for at least one individual on site) <input checked="" type="checkbox"/> Current Medical Clearance Letter (required for HAZWOPER) <input type="checkbox"/> OSHA 10-hour Construction Safety Training <input type="checkbox"/> Fall Protection Training <input type="checkbox"/> Trenching & Excavation	<input type="checkbox"/> Lockout/Tagout Training <input type="checkbox"/> Electrical Safety Training <input type="checkbox"/> Bloodborne Pathogen Training <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Discuss/Clarify, as needed:	

10. PERSONNEL AND EQUIPMENT DECONTAMINATION (SECTION ONLY REQUIRED FOR HAZWOPER SITES)	
Describe personnel decontamination procedures for the project site, including "dry decon" (simple removal of PPE)	GZA PPE will be disposed of in off-site garbage dumpsters. Equipment requiring decon will be washed with alconox and DI water.



11. PROJECT PERSONNEL - ROLES AND RESPONSIBILITIES		
GZA ON-SITE PERSONNEL:		
Name(s)	Project Title/Assigned Role	Telephone Numbers
Casey McGuffy	Site Supervisor	Work: 973-774-3325 Cell: 862-268-0480
Casey McGuffy	Field Safety Officer	Work: 973-774-3325 Cell: 862-268-0480
Casey McGuffy	First Aid Personnel	Work: 973-774-3325 Cell: 862-268-0480
Lisa Do	GZA Project Team Members	Work: 973-774-3322 Cell: 973-309-0801
<p>Site Supervisors and Project Managers (SS/PM): Responsibility for compliance with GZA Health and Safety programs, policies, procedures and applicable laws and regulations is shared by all GZA management and supervisory personnel. This includes the need for effective oversight and supervision of project staff necessary to control the Health and Safety aspects of GZA on-site activities.</p> <p>Field Safety Officer (FSO): The FSO is responsible for implementation of the Site Specific Health and Safety Plan.</p> <p>First Aid Personnel: At least one individual designated by GZA who has current training and certification in basic first aid and cardiopulmonary resuscitation (CPR) must be present during on-site activities involving multiple GZA personnel at HAZWOPER sites.</p> <p>GZA Project Team: Follow instructions relayed by the HASP and GZA manager on-site.</p>		

GZA SITE-SPECIFIC HEALTH, SAFETY & ACCIDENT PREVENTION STANDARD-PLAN

OTHER PROJECT PERSONNEL:		
Name	Project Title/Assigned Role	Telephone Numbers
David Winslow	Principal-in-Charge	Work: 973-774-3307 Cell: 347-242-7107
Sandra Huber	Project Manager	Work: 973-774-3304 Cell: 201-213-1045
Lauren Schoenemann	Health and Safety Coordinator (HSC)	Work: 973-774-3308 Cell: 201-274-4622
Richard Ecord	GZA EHS Director	Work: 781-278-3809 Cell: 404-234-2834
<p>Principal-in-Charge: Responsible of overall project oversight, including responsibility for Health and Safety.</p> <p>Project Manager: Responsible for day-to-day project management, including Health and Safety.</p> <p>Health and Safety Coordinator: General Health and Safety guidance and assistance.</p> <p>GZA EHS Director: H &S technical and regulatory guidance, assistance regarding GZA H&S policies and procedures.</p>		

12. PLAN ACKNOWLEDGEMENT AND APPROVALS		
GZA Project Site Worker Plan Acknowledgement		
<p><i>I have read, understood, and agree to abide by the information set forth in this Safety and Accident Prevention Plan. I will follow guidance in this plan and in the GZA Health and Safety Program Manual. I understand the training and medical monitoring requirements covered by the work outlined in this plan and have met those requirements.</i></p>		
GZA Employee Name	GZA Employee Signature	Date
Subcontractor Site Worker Plan Acknowledgement		
<p><i>GZA has prepared this plan solely for the purpose of protecting the health and safety of GZA employees. Subcontractors, visitors, and others at the site must refer to their organization's health and safety program or site-specific HASP for their protection. Subcontractor employees may use this plan for general informational purposes only. Subcontractor firms are obligated to comply with safety regulations applicable to their work, and understand this plan covers GZA activities only.</i></p>		
Subcontractor Employee Name	Subcontractor Employee Signatures	Date
GZA HASP Approval Signatures		
<p><i>The following individuals indicate their acknowledgement and/or approval of the contents of this Site Specific H&S Plan based on their understanding of project work activities, associated hazards and the appropriateness of health and safety measures to be implemented. A signed copy of this document must be present at the project site at all times work is being performed.</i></p>		

GZA SITE-SPECIFIC HEALTH, SAFETY & ACCIDENT PREVENTION STANDARD-PLAN

GZA Author/Reviewer Role	Signature	Date
HASP Preparer		1/9/2018
EHS Reviewer		2/23/2018
Principal in Charge		



APPENDIX F



Proactive by Design

GEOTECHNICAL

ENVIRONMENTAL

ECOLOGICAL

WATER

CONSTRUCTION
MANAGEMENT

GZA GeoEnvironmental of NY

104 West 29th Street

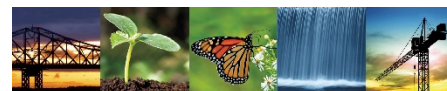
10th Floor

New York, NY 10001

T: 212.594.8140

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www.gza.com



Appendix F

New York State Department of Health

Generic Community Air Monitoring Plan

Overview

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical-specific monitoring with appropriately-sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH.

Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas.

Community Air Monitoring Plan

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.



Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. A periodic monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well bailing/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.



4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

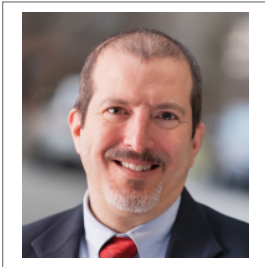
1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m³) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m³ above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m³ above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m³ of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.



APPENDIX G



David M. Winslow, Ph.D., P.G.

Principal

Summary of Experience

Dr. Winslow is a geologist with professional experience in bedrock, soil and groundwater investigation and remedial design. He leads GZA's Green Remediation Initiative and has presented papers on the topic at national symposiums. Dr. Winslow has also conducted, managed and implemented QA/QC practices at hundreds of Phase I and Phase II Environmental Site Assessments/Investigations. He has extensive experience in the management of on-call and term contracts for public agencies. In addition, Dr. Winslow has experience managing environmental compliance and permitting tasks associated with building and infrastructure design and construction projects, including hazardous material surveys, spill prevention and spill response. As District Office Manager of GZA's Northern New Jersey office since 2011, Dr. Winslow is responsible for the office's profit and loss, staff management, client development, and technical direction.

Relevant Project Experience

PUBLIC PROJECTS

Principal-in-Charge, North Jersey District Water Supply Commission, Wanaque, New Jersey. GZA is providing LSRP, wetlands, and permitting services at the NJDWSC Shooting Range site in the protected New Jersey Highlands. In use as a shooting range since 1966, there has been no recovery of projectiles from the site. GZA is conducting a full site characterization to determine the extent of the contamination, detected previously by other consultants, at and adjacent to the Range, including sampling and analysis of metals in the soil, groundwater, surface water and sediments at the Range and the adjacent site. To date GZA has performed a Preliminary Assessment, initial Receptor Evaluation, field sampling and sieve analysis, permitting, surface water and sediment sampling, and groundwater investigation. GZA will also develop a bid specification package for the remediation of the site and adjacent areas and monitor remediation through final closure of the site with the New Jersey Department of Environmental Protection (NJDEP) under the LSRP program.

Principal-in-Charge, NJSDA, Demarest School Flood Vulnerability Study and Environmental Site Closure, Hoboken, New Jersey. Conducted feasibility study prior to New Jersey Schools Development Authority's commitment to renovate existing educational spaces at the school; particular focus on FEMA floodplain designations and the impact on proposed site development. GZA also prepared an Environmental Screening Report and Preliminary Assessment.

Principal-in-Charge, NJSDA, Orange High School Addition and Renovation, Orange, New Jersey. As subcontractor to architect conducting interior and exterior renovations of existing school, construction of 50,000 gross square foot addition, and pedestrian bridge, GZA provided both environmental and geotechnical engineering services. Environmental services included pre-design Site Investigation, hazardous materials services, Environmental Screening Report, and an Executive Order 215 Report. GZA expedited project and saved costs by coordinating drilling required for geotechnical and environmental tasks. Subsequently, GZA was hired directly by the NJSDA to provide LSRP services and issue RAOs for four AOCs.

Education

Ph.D., 1995, Geological Sciences, Lehigh University
 M.S., 1991, Geological Sciences, Virginia Polytechnic Institute & State University
 B.S., 1989, Geology, State University of New York

Licenses & Registrations

Professional Geologist,
 New York, #136
 Professional Geologist, New Hampshire,
 #677
 NJ DHSS - Indoor Environmental
 Consultant/IEHA, #392

Areas of Specialization

- Environmental Site Investigation
- Site Remediation Design
- Site Remediation
- Hydrogeologic Testing
- Hazardous Materials Surveys



David M. Winslow, Ph.D., P.G.

Principal

Principal-in-Charge, Bergen Community College, Paramus, New Jersey. Overseeing task-order contract in which GZA is providing environmental health and safety compliance services including an audit; employee training; stormwater compliance; chemical compliance; and radon sampling for a children's day-care center.

Principal-in-Charge, PANYNJ On-Call Asbestos Material and Lead Paint Consulting Services Contract, various locations in New York and New Jersey. GZA is responsible for numerous, on-going projects involving investigation and remediation at operating ports, airports, and river crossings in the NY metropolitan area, addressing lead and asbestos issues.

Principal-in-Charge, PANYNJ On-Call Environmental Engineering Contract, various locations in New York and New Jersey. Designed and managed site assessments, site investigations and remedial design/implementation at PANYNJ facilities in New York and New Jersey such as a Phase I ESA on a 40 acre portion of Port Elizabeth, UST removals at JFK Airport and Newark Airport, and remedial investigations and remedial design specifications at LaGuardia Airport.

Principal-in-Charge, General Service Administration (GSA)/Peter W. Rodino Federal Building Modernization, Newark, New Jersey. Responsible for GZA team providing asbestos consulting services for \$146 million modernization of largest federal building in New Jersey. Scope of work includes asbestos abatement design, including preparation of drawings and specifications; inspection services, and determining worker exposure to potential airborne asbestos and lead contamination. GZA also prepared a Building Engineering Report to evaluate the feasibility of re-using pumped groundwater, in an effort to increase the sustainability of the complex.

Consultant Reviewer, Township of Teaneck, NJ/Votee Park, Teaneck, New Jersey. Investigation of contaminated public park. Initially involved preparation of a Preliminary Assessment as prerequisite for NJ DEP Green Acres program funding for the installation of an AstroTurf soccer field. Team then conducted Site Investigation per NJDEP Historic Fill Guidance Document.

Principal-in-Charge, NJDEP Sandy-Blue Acres Program, Various Locations, New Jersey. Responsible for team performing pre-demolition environmental testing services (for asbestos-containing materials, lead-based paint, universal wastes, and PCBs) at single-family private homes damaged by Superstorm Sandy in 2012, acquired by the state through FEMA/NJOEM grant programs, and slated for demolition. The rapidly-paced project involves approximately 300-500 homes throughout New Jersey.

Consultant Reviewer, Lead Risk Assessment Services, New York City Economic Development Corporation (NYCEDC) Build it Back Program, various locations, New York City. Lend expertise, as needed, and review work of team conducting Lead Risk Assessments, analyzing field data (including XRF, dust wipe, and soil data) and preparing reports as part of pre-construction services to support New York City's Build it Back (BiB) Program. The purpose of the BiB Program is to assist homeowners, landlords and tenants in the five boroughs whose primary residence was damaged by Superstorm Sandy in 2012. Completed over 400 reports on an accelerated schedule; work completed to the standards of multiple grant funding sources.

Senior Project Manager, New York City Department of Housing Preservation and Development, NYSDEC Brownfield Program, Bronx, New York. Managed the remedial investigations on 11 brownfield sites undergoing redevelopment as affordable housing, known as Melrose Commons. The remedial investigations consisted of geophysical surveys, test pit excavations, soil gas surveys, soil and groundwater sampling, and monitoring well installation and sampling. Eleven remedial investigation reports/qualitative risk assessments were completed at these properties in a three month period. This data was used to produce remedial alternative analysis for each of the 11 sites.

Principal-in-Charge, New York City School Construction Authority (NYC SCA) IEH Hazardous Materials Consulting Services Contract, New York, New York. Serves as the Principal-in-Charge and Program Manager for the NYCSCA IEH Hazardous Materials Consulting Contract. Under this Contract, Dr. Winslow is responsible for client management, technical quality and financial success of work related to site assessments, site investigations and remedial design/implementation at existing and proposed New York City Schools throughout the five boroughs.

Principal-in-Charge, DASNY Environmental Contract, New York, New York. Oversaw environmental investigation, remedial design and remediation oversight projects at construction projects managed by the Dormitory Authority of the State of New York



David M. Winslow, Ph.D., P.G.

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(DASNY) at New York City hospitals and educational facilities, including: a No. 6 fuel oil release investigation and remediation at Brooklyn College; UST upgrades and leak detection installation at Kingsborough Community College; site investigations, remedial design and remediation at Gouverneur Hospital; storm water sewer installation at Bronx Community College; and contaminated soil and dewatering management at Harlem Hospital. Responsible for coordination with DASNY Project Managers and overall quality assurance on DASNY projects.

Senior Project Manager, NYCDDC, Corridor Investigations, Five Boroughs. As part of the Environmental Term Contract with the New York City Department of Design and Construction (NYCDDC), designed and implemented subsurface investigations at areas targeted for infrastructure (storm water and sanitary sewers) improvement and installation. Designed and managed Corridor Assessments and Investigation to identify potential environmentally impacted soil and groundwater as part of the design-phase of the infrastructure project. The results of the investigations were incorporated into the design bid specifications. Helped develop the NYCDDC's approach toward Corridor Investigations within the City of New York as well as the NYCDDC's standard contaminated materials handling, transportation and disposal specification package. Dr. Winslow managed more than 20 Corridor Investigations on behalf of the NYCDDC.

Principal-in-Charge, Fort Washington Park EIS (with Stantec), New York, New York. As part of the NYC Environmental Quality Review (CEQR) Act, oversaw the hazardous materials assessment portion of the Environmental Impact Assessment for the 160-acre Fort Washington Park. This NYC Department of Parks and Recreation parkland is located adjacent to the east bank of the Hudson River on the far Upper West Side of Manhattan from 135th Street in the south to Spuyten Duyvil in the north. Evaluated the potential for contaminated materials in the soil, groundwater or building materials to be disturbed during reconstruction and excavation activities. The preliminary contaminated materials assessment identified 73 potential sources of contamination and recommended additional investigations at 14 of these areas. Designed and oversaw the subsurface investigations to assess the potential sources of contamination in areas associated with proposed construction. The contamination was found to be consistent with urban fill; a combination of existing vegetative caps and proposed impervious caps were recommended as the remedial strategy.

Principal-in-Charge, Soundview Park (with MKW Architects), Bronx, New York. Responsible for the subsurface investigation of the areas of park that would be impacted by a proposed bicycle and pedestrian greenway path, connecting inland areas to the Greenway Path Project along the Bronx River's edge. Previous environmental assessments and investigations within Soundview Park, which is built on a former landfill, indicated the presence of contaminated soils and buried wastes. Dr. Winslow designed and oversaw the investigation of shallow soils that would be impacted by the project, evaluating composite soils samples for assessment of health and safety concerns for workers, the community and for disposal purposes during construction. Discreet interval shallow soil samples were collected to evaluate impacts to public health associated with soils to remain in place. As part of the investigation, the suitability of the existing vegetative cover was evaluated as a potential soil cap. Soils contamination was found to be consistent with urban fill and construction and demolition material. Recommendations were provided concerning handling, management, disposal, and capping of this material during construction.

Principal-in-Charge, NYCSCA- PS-312 (with Leon d DeMatteis Construction Corp.), Queens, New York. Managed construction support services related to soil management and community air monitoring associated with the construction of a New York City school complex and associated utility corridors on a high-profile NYSDEC Brownfield Site. The site had a long industrial history, was contaminated with petroleum products and historic fill, and the redevelopment was being closely scrutinized by the community and NYSDEC. GZA prepared Excavated Material Disposal Plans, reviewed potential disposal facilities, conducted waste characterization soil sampling, prepared a Community Air Monitoring Plan, and conducted community air monitoring using three stations that continuously monitored volatile organic compounds and particulates.

Principal-in-Charge, NYCSCA- Metropolitan High School (with Leon d DeMatteis Construction Corp.), New York, New York. Managed construction support services related to soil management and community air monitoring associated with the construction of a New York City school complex and associated utility corridors. The site was a former Inactive Hazardous Waste Site contaminated with chlorinated solvents and historic fill. GZA prepared Excavated Material Disposal Plans, reviewed potential



David M. Winslow, Ph.D., P.G.

Principal

disposal facilities, conducted waste characterization soil sampling, prepared a Community Air Monitoring Plan, and conducted community air monitoring using three stations that continuously monitored volatile organic compounds and particulates.

Senior Project Manager, NYCDEP- Catskill Delaware Ultra Violet Light Disinfection Facility Site Preparation Contract (Granite Halmar). As part of one of the largest Water Treatment construction projects in the country, Dr. Winslow managed the environmental and compliance portions of the project for the contractor. The project involved the excavation of a shaft to a depth of 90 feet below ground surface in order to access the Catskill Aqueduct. GZA's services included preparation and implementation of an In-Situ Soil Sampling and Analysis Plan, preparation of an Excavation, Transportation and Disposal Plan, preparation of a Storm Water Pollution Prevention Plan and Erosion Control Plan, and preparation of a Construction Waste Management Plan.

Senior Project Manager, The General Consulate of the People's Republic of China, New York, New York. Performed a review of past investigations and remediation conducted by the NYSDEC in relation to a No. 6 Fuel Oil Release at the site of the Chinese Consulate; determined that previous remedial efforts had reached a point of diminishing returns. Designed an investigation to determine if any additional source of product remained beneath the slab of the building; based on results, prepared a Site Investigation Report and Exposure Assessment for submittal to the NYSDEC. The report recommended that all remedial efforts be suspended and the site be monitored for one year to assess product rebound. If product levels remained similar, GZA would recommend no further action. The NYSDEC accepted the proposal.

Senior Project Manager, United States Postal Service, Farley Building, New York, New York. Assisted in a hazardous materials survey and soil characterization project associated with the proposed redevelopment of the Farley Building as the new Pennsylvania Station. The survey consisted of multiple reconnaissance of the portions of Amtrak located below the Farley Building which would be impacted by proposed renovations. The survey identified PCB bearing equipment, mercury bearing equipment, asbestos containing materials, lead-based paint, miscellaneous chemicals and petroleum products, as well as non-hazardous-materials-contaminated soils. The information was utilized to prepare demolition specifications and a soil management plan.

Project Geologist, NYSDEC, Region I and II, various locations throughout New York State. Supervised construction and operation of several groundwater remediation systems at petroleum-contaminated gasoline service stations. These remediation systems included technologies such as pump and treat, air sparging, vapor extraction, vacuum enhanced recovery, and bioremediation using the injection of proprietary bacteria and nutrient solutions. Conducted and assessed remedial selection investigations including slug tests, pump tests, sparge tests, vapor extraction tests and enhanced fluid recovery tests.

BROWNFIELDS EXPERIENCE

Principal-in-Charge, JPMorgan Chase, Brownfields Redevelopment, Orangeburg, New York. Principal-in-charge (PIC) for \$3M+ investigation/remediation oversight project at a 90+ year old State hospital campus slated for redevelopment as a database center. The 61-acre Site consists of 32 abandoned and derelict buildings, walkways, roads and significantly overgrown landscape areas. Initial project work included preparation of a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application and design and implementation of a fast-track, comprehensive remedial investigation. Upon completion of RI, GZA prepared an Interim Remedial Measures (IRM) Workplan to allow Site remediation/ development to begin prior to development of a site-wide remedial action. A site-wide Remedial Action Workplan (RAWP) was then developed and is currently in the NYSDEC review/public comment period. GZA is currently performing IRM remediation oversight, clearing sources for soil import and facilities for soil disposal, and perimeter air monitoring at the Site. Daily and monthly field reports and air monitoring reports submitted to NYSDEC. Upon approval of the site-wide RAWP, GZA will continue these tasks during the site-wide remedial action. GZA's PIC, Project Manager and field staff participate in frequent communications with the NYSDEC field inspector and the NYSDEC project manager

Principal-in-Charge, Former Nuhart Plastics Site, New York State Superfund Site, Brooklyn, New York. GZA was retained to conduct a feasibility study and remedial planning for this former plasticizer facility with on-site and off-site pollutant concerns.



David M. Winslow, Ph.D., P.G.

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Initial site investigations were conducted by others. Project is a high-profile New York State Superfund Site and requires regulatory compliance with NYSDEC, NYCOER, as well as close coordination with local government bodies.

Principal-in-Charge, Former Cascade Laundry, Brownfield Redevelopment, Brooklyn, New York. Responsible for environmental and construction management services required to successfully navigate seven-building redevelopment project through the New York City Office of Environmental Remediation's (NYCOER's) E-Designation and Voluntary Cleanup Programs, as well as the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). Project included site investigation, design, remediation, and construction.

Principal-in-Charge, Former BH Aircraft Site, Brownfield Redevelopment, Farmingdale, New York. Prepared NYSDEC Brownfield Cleanup Application (BCA), conducted remedial investigation for chlorinated solvents and metals in soil and groundwater, conducted soil gas and soil vapor investigations, closed out sanitary and industrial leaching pools; prepared remedial investigation and remedial action work plan. Constructed soil vapor extraction system. Prepared FER and SMP.

Principal-in-Charge, National Resources Brownfield Development, Edgewater, New Jersey. Provided environmental consulting services during the purchase and redevelopment of a brownfield site contaminated with coal tar and arsenic. The site was the former location of Unilever, Inc.'s research and development facility and had housed industrial operations since 1910. It was found to be contaminated with tar, deposited on site by an adjacent roofing tar manufacturer. Designed and implemented a Phase I ESA, prepared a site conceptual model, and developed a remedial cost estimate in order to secure cost cap insurance and financing. Following the real estate transaction, GZA completed remediation of the site under NJ's Industrial Site Recovery Act (ISRA). Prepared and submitted a Remedial Investigation and Interim Remedial Measures Plan for review by the NJDEP.

The site was found to be impacted by coal tar derived roofing tar and fill material containing significantly elevated concentrations of arsenic. The main chemicals of concern were benzene and arsenic. Arsenic in soils was detected at concentrations as great as 30,000 ppm and 20,000 ppb in groundwater.

GZA negotiated site-specific cleanup standards for arsenic and for pitch material. Pitch material remediation was limited to soft fractions of pitch that were impacting groundwater. The arsenic standard of 600 ppm was derived imperially by comparing soil concentrations to groundwater. The approved remedial strategy consisted of institutional and engineered controls to limit exposure to contaminants, excavation and off-site removal of arsenic-impacted soils greater than 600 ppm, in-situ solidification and stabilization of pitch impacting groundwater, installation of a groundwater barrier wall to protect the Hudson River, and stabilization of a rip rap embankment to prevent pitch accumulation on the shore line.

Principal-in-Charge, Bay Park Brownfield Redevelopment, Coney Island, New York. Providing environmental services during rehabilitation and expansion of 1970s-era mixed use complex, which covers an area equivalent to three city blocks. GZA facilitated the Brownfield Cleanup Program (BCP) applications for two adjacent parcels within the complex: the first for an existing retail space formerly occupied by a dry cleaner; the second application is for an adjacent "historic" dry cleaner lot that had been razed as part of urban renewal in the 1960s. Previous site investigations had documented the presence of tetrachlorethene (PCE) in soil gas; GZA's Remedial Investigation Work Plan (RIWP) outlined work required to delineate the vertical and horizontal extent of the impacted soils, soil vapor and groundwater at both BCP sites. A Remedial Action Work Plan was developed to address contaminated media. A subslab depressurization system was designed to protect residential and retail tenants, in conjunction with source area treatments.

Senior Project Manager, City of Schenectady, Brownfield Pilot Assessment Program, Schenectady, New York. Dr. Winslow prepared a proposal to perform Brownfield Assessment Services for the City of Schenectady. The work was awarded in May 2000. The services were as follows: create a forum for the expanded and interactive community involvement in the Brownfield initiative; review existing planning information, community needs, and private interests for the site; review ownership and site use histories to identify potential environmental concerns; secure all necessary permits and file appropriate applications; determine all sources of alternative funding and apply for grants; and conduct environmental investigations and create remedial action plans.



David M. Winslow, Ph.D., P.G.

Principal

Senior Project Manager, New York City Department Housing Preservation and Development, NYSDEC Brownfield Program, New York, New York. Dr. Winslow managed the remedial investigations on eleven brownfield sites undergoing redevelopment as affordable housing. The remedial investigations consisted of geophysical surveys, test pit excavations, soil gas surveys, soil and groundwater sampling, and monitoring well installation and sampling. Eleven remedial investigation reports/qualitative risk assessments were completed at these properties in a three month period. This data was used to produce remedial alternative analysis for each of the eleven sites.

Principal-in-Charge, Silver Star Mercedes Brownfield Redevelopment, LIC, New York. Member of design team for the redevelopment of a former automobile services station/car dealership. Six-story building will house a Mercedes dealership, parking and affordable housing. Dr. Winslow consulted with the owner and design team regarding the (E) Designation and the feasibility of enrolling the Site in either the NYSDEC or the NYCOER Brownfield Program. Based upon the results of the Site Investigation the site was enrolled in the NYCOER Brownfield Program. A Remedial Action Plan was submitted to the NYCOER to remove impacted soils and install a vapor barrier liner.

Senior Project Manager, Meridian Development Partners, LLC, Former Ideal Forging, Southington, Connecticut. Designed and managed the investigation, conceptual remedial approach, and remedial cost estimate for a former forging plant, adjacent to a municipal drinking water well, to be redeveloped as a mixed-use residential and retail complex. The site's soil and groundwater were impacted by fuel oil and cutting oil releases. In addition, a portion of the site was located within the floodplain and a large retention basin was required in order to develop the site. Due to the large amount of earthwork required to accommodate civil engineering designs, the site civil construction and the remedial construction were combined to eliminate issues related to handling contaminated material. The remedial approach consisted of a combination of excavation, on-site treatment of soils, placing contaminated soils under building pads and roads to render them inaccessible, using treated soils as asphalt road-base, constructing a retaining wall that would also act as a barrier to free product migration, capping, installation of sub-slab depressurization systems beneath new buildings, and monitored natural attenuation. Assisted client with presentations to the planning board and wetlands commission.

Senior Project Manager, Nine Mall Investors, LLC – Nine Mall Plaza – Dry Cleaner, Wappingers Falls, New York. Designed and managed the investigation and remediation of tetrachloroethylene-impacted soils and groundwater associated with a dry cleaner. Performed due diligence investigations, prepared a NYSDEC Brownfield Cleanup Program (BCP) application, and aided the developer in successfully completing the BCP application process. Following some additional assessment, negotiated with the NYSDEC to submit a Remedial Investigation Report/Remedial Action Plan, thereby saving time and money associated with preparation and public comment related to a remedial investigation work plan. In addition, a remedial approach of enhanced bioremediation was proposed to complete the remedial actions already undertaken at the site, realizing further cost savings for client.

Senior Project Manager, National Resources, Brownfields, Various Locations Nationwide. As Client Manager, assisted the development team in assessment, investigation and remediation planning at several Brownfield properties throughout the United States. Projects included due diligence services, document reviews, conceptual remedial plans and cost estimates for properties formerly operated as Manufactured Gas Plant Sites, Unilever Cosmetics and Edible Oils plant, IBM's Fishkill West Campus, former pharmaceutical sites, and former dry cleaning sites. Designed and implemented Site Investigations, Site Assessments, and remediation projects. Oversaw the design, operation, monitoring, and maintenance of a total fluids and air sparging remediation system targeted to remediate a chlorinated solvent plume at the former Smith Industry property in Grand Rapids, Michigan.

Senior Project Manager, Meridian Development Partners, LLC, Brownfields, North Carolina. Provided environmental consulting services during a proposed property transaction of a former electronics manufacturing site utilized by Channel Master to produce satellite dishes. GZA's services consisted of reviewing previous environmental reports, conducting a Phase II Environmental Site Investigation, conducting a Supplemental Phase II Environmental Site Investigation, and preparing remedial cost estimates to be used by the client during contract negotiation.



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During the course of the document review it became apparent that the site had been impacted by releases of chlorinated solvents. While previous consultants had indicated that the release had resulted in minor impacts to soil and groundwater, review of available documents and local hydrogeologic conditions indicated that borings had not been properly located. Therefore, GZA recommended a Phase II Site Investigation.

The results of the investigation indicated that chlorinated solvent-impacted soil and groundwater were present in the vicinity of a former spill containment UST associated with a flammable liquids storage area. The solvents had impacted both the overburden and bedrock water bearing units. The initial investigation indicated that the contamination was not migrating off-site; however, the vertical and horizontal extent of contamination was unknown.

Dr. Winslow designed a rapid turnaround and cost effective study to assess the vertical and horizontal extent of contamination within the timeframe of the due diligence period in order to apply cost certainty to estimated remediation figures. GZA mobilized a Geoprobe direct push drill rig, field instruments, and an air rotary drill rig to complete the investigation within a two week period. The results of the investigation indicated that the bedrock water bearing unit had only minor impacts and the horizontal extent of the overburden contamination was limited to the area around the former spill containment UST. With this knowledge Dr. Winslow was able to design a conceptual approach to remediation and apply realistic cost estimates in order for the Client to make an informed decision regarding purchase of the brownfield site.

Project Manager, National Auto Parts Retailer, Brooklyn, New York. Designed and oversaw the remediation of gasoline impacted soil and groundwater during redevelopment of site that was entered into the NYSDEC Voluntary Cleanup Program. The remediation consisted of the removal of eight 550-gallon gasoline USTs, the excavation of 2,200 tons of petroleum impacted soils, performance of high vacuum dual phase extraction, and the injection of Oxygen Release Compound (ORC) to accelerate attenuation following source area treatment. The remedial efforts resulted in a decrease of dissolved-phase contamination and expected closure of the case with the NYSDEC.

TRANSPORTATION / INFRASTRUCTURE

Lead Scientist/Environmental, Tappan Zee Bridge Replacement, Tarrytown and South Nyack, New York. As a specialty subcontractor to the lead bridge designer, HDR, providing environmental consulting services related to demolition of existing three-mile-long span and construction of new Hudson River crossing. Environmental services include preparation of environmental compliance plans; soil and groundwater characterization for disposal; pre-demolition hazardous materials investigation; hazardous materials abatement design and oversight; remedial action plans; and underground storage tank (UST) removal oversight.

Principal-in-Charge, Beacon Station Transit Oriented Development (with AECOM), Beacon, New York. Designed and oversaw the environmental assessment, site investigations and conceptual remedial approach in support of the proposed Transit Oriented Development (TOD) at Metro-North Railroad's (MNR) Beacon Station. MNR was preparing a preliminary design for a TOD for inclusion in a request for proposals to developers. Dr. Winslow designed a Site Assessment program to identify and quantify the environmental liabilities associated with the development. The study included compilation of existing environmental data on five parcels (including a coal tar impacted parcel), a Phase I Environmental Site Assessment on five parcels, a Site Investigation to evaluate data gaps, preparation of a conceptual remedial approach, and preparation of remedial cost estimates. The information was designed to be used in the RFP process to reduce uncertainties in the development proposal process.

Senior Project Manager, NJTA - TransHudson Express Tunnel-Manhattan Segments (Judlau-Halcrow Joint Venture), Civil Construction Support Services, New York, New York. As part of the design-build project for the Manhattan Tunnels Project, designed and oversaw the soil and rock characterization of the soils and rock within the shaft and starter tunnels at 29th Street and 12th Avenue. The project involved the excavation of a shaft to a depth of 130 feet below ground surface in order to allow access by the tunnel boring machine. GZA's services included preparation of an In-Situ Soil Sampling and Analysis Plan, a Field Sampling Plan, collection of 190 composite soils samples representing 500 cubic yard cells at five foot lifts, preparation of a field summary report, and recommendations to the contractor on materials disposal.



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INDUSTRIAL / COMMERCIAL

Principal-in-Charge, Steel Craft, Newark, New Jersey. Designed and conducted a pilot test to evaluate the feasibility of soil vapor extraction (SVE) to remediate unsaturated soils impacted with chlorinated volatile organic compounds (cVOCs) using horizontal well network. Airflow in the treatment zone is subject to induced pressure gradient, driving contaminant mass toward a vacuum recovery system.

Principal-in-Charge, Chrysler Corporation, various sites in New Jersey and New York. As part of a long-standing environmental consulting contract, provide a range of services, often conducted in support of dealership expansion or property transactions, including compliance activities, site assessment and hazardous materials building services, as well as storage tank management and remediation.

Principal-in-Charge, Preferred Freezer-Bayway, Elizabeth, New Jersey. GZA has provided varied services at this 20-acre brownfield site including Phase I ESA, Brownfield Designation services, site/civil work, a redevelopment plan, extensive permitting with numerous entities, geotechnical investigation and review, wetlands survey, a pre-demolition asbestos-containing material survey and hazardous waste inventory, and UST removal. After project owner opted into NJDEP LSRP program, GZA's LSRP obtained soil remediation permit and Restricted RAO for site. Groundwater monitoring is ongoing with a CEA expected before 2014. At additional Preferred Freezer sites in Bayonne, Jersey City and Newark, GZA is also responsible for annual inspection and biennial certification of Deed Notices.

Principal-in-Charge, Kelley Drye & Warren, LLC/Historic Residence, Peapack-Gladstone New Jersey. In support of a real estate transaction, designed and managed the closure of a 1,000-gallon gasoline tank and 550-gallon fuel oil tank located on a residential property estate. The tanks were located beneath a retaining wall supporting a slope and adjacent to a gas line; therefore, they were closed in place.

Principal-in-Charge, New York Life Investment Management, Various Properties, New Jersey. Designed and managed a due diligence program for the client who was acquiring a portfolio of nine industrial/warehouse properties. Provided advice regarding environmental liability and risk associated with each property. Prepared remedial cost estimates and prepared a program to take several sites into New Jersey's LSRP program.

Principal-in-Charge, New Brunswick Properties, LLC, New Brunswick, New Jersey. Assisted a trucking company with the acquisition of a truck depot. A previously undetected UST was located and removed. Soils were found to be contaminated with historic fill and trichloroethene (TCE) above impact to groundwater standards. The site was entered into New Jersey's LSRP program and historic fill was addressed through capping and a deed notice; no CEA was required. A groundwater investigation found that the TCE had not impacted groundwater and no further action was necessary.

Senior Project Manager, U-Haul, Edison, New Jersey. Conducted a remedial investigation on a U-Haul site characterized by MTBE and gasoline-contaminated groundwater. The contamination was commingled with two other properties' contaminant plumes. Using natural attenuation modeling, demonstrated that U-Haul's component of the contamination had only migrated 90 feet downgradient and would attenuate with time. Designed, permitted and constructed a dual phase high vacuum extraction system, installed under budget, to remediate the source of contamination on the U-Haul property.

Senior Project Manager, ConocoPhillips, various projects in New York and New Jersey. Prime contract under which GZA provided environmental consulting services for the operation and maintenance of remediation systems, groundwater monitoring and reporting, site investigation and remedial design service, as well as closure and upgrades of stations and fueling systems.

Senior Project Manager, Hertz Rent-A-Car, LaGuardia Airport, Queens, New York. Designed and implemented a Site Investigation to delineate the extent and magnitude of separate-phase product, petroleum vapors and dissolved-phase petroleum contamination/MTBE emanating from the current and former fueling operations at the Hertz facility. Following characterization, designed a cost-effective, receptor-based remediation system to mitigate separate-phase product and control petroleum vapors.



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Senior Project Manager, U-Haul, Bronx, New York. Designed and implemented the remediation of a U-Haul Moving Center in the Kingsbridge section of the Bronx. The site formerly contained three separate fueling areas. Two of the fueling areas contained low levels of dissolved phase contamination; the NYSDEC closed these areas of concern based upon natural attenuation modeling and a risk based approach. The third area of fueling was characterized by free-phase product. The area of saturated soils was excavated and transported off-site for treatment. The excavation was then lined with oxygen release compound (ORC) prior to backfilling. ORC was then injected into dissolved contamination plume to promote biodegradation downgradient of the former tank pit. The leading edge of the plume was allowed to attenuate following source removal. The NYSDEC closed the case within one year of the commencement of remedial action and the project was completed under budget.

Senior Project Manager, U-Haul, Staten Island, New York. Conducted a Site Investigation at the U-Haul facility located on Bay Street in Staten Island, New York. The results of the Site Investigation indicated that soil and groundwater in the vicinity of the former UST area and fuel dispensers were contaminated with gasoline compounds. Conducted a Remedial Investigation and prepared a Remedial Action Plan for submittal to the NYSDEC. Due to fluctuations of seasonal water table elevations and a thick zone of adsorbed-phase contamination, a total fluid extraction system was recommended and installed to address dissolved phase and adsorbed phase contamination.

Senior Project Manager, Mystic Transportation Inc., Mount Vernon, New York. Designed and supervised the construction of a No. 4 fuel oil recovery system at a residential building where, due to an overfill, a 5,000-gallon AST had ruptured and spilled 6,600-gallons of fuel oil. Eight hundred gallons of fuel oil were released into the groundwater beneath the building and into the Bronx River. Following emergency response and cleanup of fuel oil in the basement of the building, a product recovery system and water treatment system were installed. Total fluids were recovered from each recovery trench and routed to an oil/water separator and carbon treatment system housed in the basement of the building. In addition, several sumps were impacted by the fuel oil release. The effluent water from these sumps was also routed to the treatment system prior to discharge to the municipal storm water system. Within approximately eight months, product levels had decreased to trace amounts in all but one well.

HEALTHCARE PROJECTS

Principal-in-Charge, Holy Name Hospital, Teaneck, New Jersey. Oversee asbestos management and lead-based paint evaluation services at a variety of buildings on the hospital campus.

Principal-in-Charge, St. Joseph's Hospital, Paterson, New Jersey. Completed various projects, including a lead and asbestos investigation to aid in the hospital's day care center license renewal and asbestos investigations at multiple vacant houses prior to their complete demolition as part of hospital expansion.

Senior Project Manager, New York Presbyterian Hospital, New York, New York. Conducted assessment of a PCB-bearing transformer to be removed as part of a construction project. The transformer was found to have leaked, resulting in impacts to the concrete pad and soils. Designed and oversaw a remediation program to remove the transformer, concrete pad and impacted soils. The case was closed with the NYSDEC.

Senior Project Manager, Memorial Sloan Kettering Cancer Center (with Granary Associates), New York. Designed and coordinated a pre-demolition laboratory and hazardous material survey. The survey included an evaluation and inventory of all hazardous chemicals, waste and biohazards associated with each laboratory. Once the hazard assessment was completed, a survey was designed to determine impacts from use of building materials in light of planned demolition activities. Areas such as storage cabinets, duct work, fume hoods, bench tops and plumbing were evaluated for presence of hazardous substances. In addition, a lead-based paint survey and a universal waste survey were conducted. Laboratory decontamination and hazardous material specifications were created and a contractor was selected. GZA personnel coordinated and oversaw the decommissioning and abatement.



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ENERGY PROJECTS

Principal-in-Charge, TransCanada – Ravenswood Power Generating Station, L.I.C., New York. Designed and oversaw the spill response investigation following the discovery of a 25,000 gallon kerosene release from an underground fuel oil line connecting a gas turbine generator with the 6,000,000 gallon aboveground storage tank. Within one week of notification of the release, GZA was on-site conducting a subsurface investigation to delineate the vertical and horizontal extent of kerosene associated with the release. In addition, GZA installed several recovery sumps to initiate product recovery during the investigation period. Dr. Winslow developed a Conceptual Site Model (CSM) that was continuously revised and updated as data became available. The initial CSM projected that kerosene would migrate vertically to the water table and then flow west towards the East River. However, once investigative activities and data review commenced it became evident that anthropogenic features (old foundation elements and utility conduits) were complicating kerosene migration. In addition, shallow bedrock at the release area resulted in migration of kerosene to the north, south, and west from the release area. The investigation IRM was completed within three months of mobilization to the Site and included the installation of over 30 soil borings, 14 monitoring wells and four recovery sumps, and design of an interim product recovery system. Within the first four months of the release 5,000 gallons of kerosene were recovered. A product recovery system was designed and installed to continue product recovery past the emergency response stage. In a subsequent project at the site, oversaw team responsible for asbestos surveys and sampling of suspect materials throughout the power plant, including the 10-story boilers and roof.

Senior Project Manager, Enercon Inc. – Indian Point Energy Center, Buchanan, New York. Designed and implemented a site investigation to delineate and determine the source of tritium, strontium and cesium detected in groundwater as a result of a leak in spent fuel storage pool and process piping at the Indian Point Nuclear Plant. The investigation consisted of a thorough review of construction drawings, historic hydrogeologic data and historic groundwater chemistry data to prepare a conceptual site model for the release. In order to verify the conceptual site model, GZA advanced 42 bedrock and overburden borings at the site to supplement the site's existing 18 groundwater monitoring wells. The borings were advanced using a combination of drive and wash techniques and rotary coring techniques. Rock cores were characterized for the presence of water bearing fractures as well as lithology. All bedrock borings were subject to downhole geophysical borehole logging consisting of acoustic televiwer, optical televiwer, temperature, conductivity, and heat pulse flow meter. Hydraulic conductivity was evaluated using a combination of extraction packer testing and sustain yield pump tests. Wells were completed using multilevel sampling systems resulting in 127 sample intervals. GZA then completed an organic dye tracer test to confirm contaminant flow paths and groundwater velocities. GZA was able to delineate the extent of horizontal and vertical groundwater contamination, determine the sources of the contamination and the post release flow paths. GZA then recommended a long term monitoring plan to be implemented at the site to assess long term plume reductions as well as monitor potential releases from other SSCs.

Senior Project Manager, Hudson High Voltage Direct Current (HVDC) Converter Station/Siemens AG, Ridgefield, New Jersey. Evaluated the impacts to construction associated with contaminated soils and groundwater at the site in order for Siemens to determine that the developer completed all necessary environmental remediation in accordance with NJDEP regulations prior to construction of the facility. The site is being developed as part of a transmission project intended to convert the power between New Jersey's Public Service Electric & Gas (PSEG) 230 kV grid and New York's Con Edison 345 kV grid.

Principal-in-Charge, SUEZ Energy Generation NA, LLC, Astoria, New York. Designed and managed an environmental investigation to characterize soils and groundwater as part of the pre-construction design phase of the Astoria Energy Phase II project. The proposed power plant was situated on a former major oil storage facility and was characterized by approximately 10 feet of historic fill material and petroleum contaminated soils and groundwater. The investigation consisted of collecting soils samples in a grid fashion in areas proposed for grubbing, excavation of structures and overhead and subsurface transmission lines in order to characterize soils for proper handling and disposal. In addition, groundwater samples were collected to evaluate the necessity for treatment of dewatering effluent. Then prepared a Site Investigation Report and a Construction Contaminant Management Plan to be used by the contractor for proper health and safety, handling, transportation and disposal of contaminated media. During construction, GZA conducted waste characterization soil sampling for disposal of contaminated material.



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VAPOR INTRUSION

Principal-in-Charge, Bay Park Brownfield Redevelopment, Coney Island, New York. As part of brownfield redevelopment, GZA's Remedial Investigation Work Plan (RIWP) outlined work required to delineate the vertical and horizontal extent of the impacted soils, soil vapor and groundwater at both BCP sites. A Remedial Action Work Plan was developed to address contaminated media. A subslab depressurization system was designed to protect residential and retail tenants, in conjunction with source area treatments.

Principal-in-Charge, POKO Management, LLC, Brooklyn, New York. Provided environmental due diligence services during real estate transaction and renovation. The Phase I ESA identified a former dry cleaning operation at the site. Initial investigations found no soil contamination, however, groundwater downgradient of the dry cleaner was found to be impacted. Additional investigations found that groundwater was only marginally impacted, however, subslab soil gas PCE concentrations were as high as 11,000 ug/m³. GZA proposed a remedy consisting of a subslab depressurization system to address potential vapor intrusion and monitored natural attenuation to address the groundwater condition. Dr. Winslow prepared design specifications for construction of SSDS at the site.

Principal-in-Charge, i.park Edgewater, LLC, Edgewater, New Jersey. As part of this mixed use Brownfield development project, Dr. Winslow, conducted a Vapor Intrusion Study at the site which resulted in the requirement for all existing buildings and new construction to incorporate passive subslab depressurization systems with the ability to be converted to active systems. Designed systems for 10 separate buildings. In addition, developed a program to evaluate the effectiveness of each passive system to determine if active depressurization would be required. The program was accepted by the NJDEP.

NEW YORK CITY (E) DESIGNATED SITES

Principal-in-Charge, Highline Development Corp, West 29th Street, New York, New York. Managed CEQR (E) designated site requirements associated with the redevelopment of seven parcels with industrial histories for use as a hotel and residential building, all under a tight time schedule. Following NYCDEP's acceptance of the Site Investigation Work Plan, GZA advanced 32 soil borings, collected 64 soil samples, and installed 15 groundwater monitoring wells; a Site Investigation Report was submitted in combination with a Remedial Action Plan in order to save time for the client. The site was found to be contaminated with chlorinated solvents. GZA proposed a remedial action which coincided with the proposed redevelopment of the parcels. The remedial design consisted of excavation of soils to bedrock to accommodate the foundation design of the proposed building. Soil samples were collected in a grid across the site at multiple depths to further characterize VOC-contaminated soils, historic fill material and native soils, for disposal purposes. This identification of "cells" of soil that could be transported to different facilities resulted in significant cost savings to the client. In addition, GZA recommended a soil vapor barrier and post excavation groundwater monitoring. Both the NYCDEP and the NYSDEC approved the work plans.

Senior Project Manager, Horrigan Development Partners, North 9th Street, Williamsburg, New York. Managed CEQR (E) designated site requirements associated with the redevelopment of a former industrial building for reuse as a residential building. Following NYCDEP's acceptance of Site Investigation Work Plan, conducted a Site Investigation and submitted a Site Investigation Report combined with a Remedial Action Plan in order to save time for the client. When the site was found to be contaminated with chlorinated solvents, proposed a remedial action which coincided with the proposed redevelopment of the parcels. The remedial design consisted of excavation of soils to bedrock to accommodate the foundation design of the proposed building. Soil samples were collected in a grid across the site at multiple depths to further characterize VOC contaminated soils, historic fill material and native soils, for disposal purposes. This identification of "cells" of soil that could be transported to different facilities resulted in significant cost savings to the client. In addition, GZA recommended a soil vapor barrier and post excavation groundwater monitoring. Both the NYCDEP and the NYSDEC approved the work plans.

MANUFACTURED GAS PLANTS (MGP) AND COAL TAR SITES

Project Manager, National Autoparts Retailer, Former MGP Site Redevelopment, Staten Island, New York. Conducted environmental due diligence studies on a former natural gas storage site targeted for redevelopment for commercial interests. A



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Phase I Environmental Site Assessment and a Phase II Site Investigation were performed prior to purchase of the property. The site had previously been utilized by Brooklyn Union Natural Gas as a natural gas storage site; the site had been listed as a potential MGP site operating in the late 1800s and early 1900s. Performed a remedial investigation under the supervision of the NYSDEC, including a remedial investigation work plan, the advancement of 20 soil borings, the installation of 10 temporary well points, regulatory interfacing, laboratory services, and a remedial action plan. It was determined that a concrete vault housing piping had been filled with condensate-contaminated debris during site closure. All contaminated material was confined to within the concrete vault. No other contaminants were detected above applicable guidance values. The contaminated material was excavated from the concrete vault; no groundwater had been impacted by the presence of the contaminated material. The NYSDEC granted a no further action letter, and the site was developed as a retail autoparts store.

Senior Project Manager, National RE/Sources, Former MGP Site Redevelopment, Tarrytown, New York. Prepared a conceptual remedial action plan and provided cost estimates to remediate a site that had operated as an MGP until the 1930s. The site had two areas of MGP-contaminated soil and groundwater as well as three areas of diesel-contaminated soil and groundwater. The conceptual remedial action consisted of a combination of containment, encapsulation, excavation, on-site thermal treatment, and product recovery. Land use restrictions were incorporated into the conceptual remedial action plan to allow for less stringent cleanup standards. Dr. Winslow provided cost estimates for the remedial actions, which were used by the developer to determine the feasibility of implementing the remediation.

RELEVANT GEOLOGIC EXPERIENCE

Dr. Winslow has conducted structural geologic field mapping to evaluate locations of folding, faulting and lithologic contacts in both the western and eastern United States, as well as overseas in the Pakistan Himalaya. The results of the geologic mapping have been used to assess regional scale tectonic relationships as well as local scale mineral resources. In the Pakistan Himalaya, Dr. Winslow was able to map an active tectonic fault which accommodated kilometers of uplift in one of the most tectonically active areas of the world.

Dr. Winslow has utilized remote sensing, photo lineament analysis, and structural/petrographic techniques to evaluate the pressure, temperature and time history of rocks associated with tectonic faulting. This information has included field scale structural analysis, petrographic thin section analysis, fluid inclusion analysis, major cation (thermobarometric analysis) chemistry, and thermochronological analysis of rocks from several tectonic complexes. This information has been used to evaluate the movement and uplift history along major tectonic faults.

EXPERT TESTIMONY

Principal, New York State Attorney General's Office, Soundview Avenue, Bronx, New York. Provided expert testimony with regards to contaminant fate and transport of MTBE and hydrogeology for a case involving a commingled MTBE Plume remediated under the NYSDEC Spill Fund.

Principal, Avis Budget Car Rental, JFK International Airport, Queens, New York. Provided expert testimony with regards to an underground utility damaged during replacement of an underground storage tank when a contractor drove sheeting through an 18-inch sewer line located 18 feet bgs. Provided an opinion on whether proper procedures had been followed to identify utilities during design and construction.

Senior Project Manager, New York City School Construction Authority (NYC SCA), Corona, Queens, New York. Provided expert testimony in a condemnation case regarding impacts to the site from lead contamination associated with historic fill at the site. In some instances, lead concentrations were sufficient to classify soils as hazardous waste. Provided testimony concerning the nature and extent of the contamination, as well as typical remedial solutions to this issue and costs associated with the remediation. Remediation costs were estimated for residential usage vs. usage as a public school in order to determine what the environmental remediation costs would be under the highest and best use of the site.



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Senior Project Manager, Medi-Ray Inc., Tuckahoe, New York. Provided expert testimony concerning contaminant fate transport of lead in the environment in conjunction with a “whistle blower” case. The former employee charged that he was fired because he intended to report to the authorities the mismanagement and dumping of lead into the environment. Dr. Winslow provided testimony concerning background concentration of lead in the environment, contaminant fate and transport properties of lead, the potential to create a substantial and material threat to public health and the environment, and critique of the conclusions of the opposing witnesses.

Senior Project Manager, Toys-R-Us, Yonkers, New York. Provided factual testimony concerning site investigation and remediation efforts during the development of a Babies “R” Us store on a site that had been previously filled in the 1950s. During excavation to construct the store, evidence of commercial and industrial waste was detected in the fill material. This included fill with chemical odors, buried drums, and cinders. Once this material was identified it could no longer be disposed of as construction and demolition debris. Laboratory analysis indicated that the fill material contained metals and organic compounds above standards. Babies “R” Us sent the site owner a bill for the remedial efforts. The site owner disputed whether the fill material required special handling and whether the remediation was conducted in accordance with industry standards and state regulations.

Ph.D. Dissertation

Pressure Temperature Time History of Nanga Parbat-Haramosh Massif, Pakistan Himalaya. Lehigh University, 1995.

Publications and Presentations

Winslow, D. M., Zeitler, P.K., Chamberlain, C.P., and Williams, I.S., 1996, Geochronologic Constraints on Syntaxial development in the Nanga Parbat Region, Pakistan, Tectonics.

Winslow, D.M., Chamberlain, C. Page, Zeitler, P.K. 1995, Metamorphism and Melting of the Lithosphere Due to Rapid Denudation, Nanga Parbat Massif Himalaya, Journal of Geology.

Winslow, D.M., Zeitler, P.K., Chamberlain, C. Page, Hollister, L.S., 1994, Direct Evidence of a Steep Geotherm Under Conditions of Rapid Denudation, Western Himalaya, Pakistan, Geology.

Craw, D., Koons, P.O., Winslow, D., Chamberlain, C.P., Zeitler, P.K., 1994, Boiling Fluids in a Region of Rapid Uplift, Nanga Parbat Massif, Pakistan, Earth and Planetary Science Letters.

Winslow, D.M., Bodnar, R.J., Tracy, R.J., 1993, Fluid Inclusion Evidence for a Counterclockwise P-T Path in CMT of Central Massachusetts. Journal of Metamorphic Geology.

Rapid Vapor Intrusion Assessment and Mitigation at a Hurricane Sandy-Impacted Brownfield Site, Battelle Chlorinated Conference, Monterey, California, May, 2014

Arsenic Speciation, Mobility and Treatability at a Former Industrial Site in Edgewater, New Jersey, Environmental Services Association of Alberta (ESAA)/Remediation Technologies Symposium 2013 (RemTech 2013), Banff, Alberta, October, 2013

Arsenic Speciation, Mobility and Treatability at a Former Industrial Site in Edgewater, New Jersey, 29th Annual International Conference on Soils, Sediments, Water, and Energy/Association for Environmental Health and Sciences (AEHS) Foundation, University of Massachusetts, Amherst, Massachusetts, October, 2013.

Bench Scale In-situ Solidification/Stabilization Treatability Tests Using ANSI 16.1., Environmental Services Association of Alberta (ESAA)/Remediation Technologies Symposium 2012 (RemTech 2012), Banff, Alberta, October, 2012

Green Remediation at a LEED Silver Brownfield Site, The Environmental Institute, Green Remediation Conference, Amherst, MA, June 2010

Characterization of Tritium and Strontium Releases and Hydrogeology at the Indian Point Nuclear Power Plant, Buchanan, New York, Northeast Geological Society of America, March 2007

Integration of Investigative Methods to Assess a Porous Media vs. Fracture Flow Approach in Fractured Bedrock Systems, 2007, U.S. EPA/NGWA Fractured Rock Conference, September 2007



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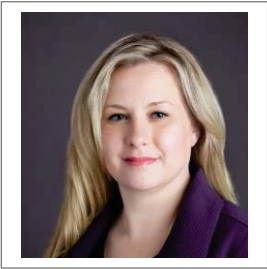
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Certifications/Training

- OSHA 40-hour Health and Safety Training Certification – 1995
- 8-hour Site Supervisor Certification - 1995
- OSHA Confined Space Entry Training Certification - May 1995
- ASTM Risk Based Corrective Action for Petroleum Contaminated Sites – 1998

Affiliations/Memberships

- Program Committee Member, Urban Land Institute (ULI)/Northern New Jersey Chapter
- Member, National Groundwater Association



Sandra Huber, LSRP

Senior Project Manager

Summary of Experience

Ms. Huber is a Licensed Site Remediation Professional in New Jersey with more than 15 years of experience in the environmental consulting field. She has been a project manager and field supervisor for hundreds of Preliminary Assessments, Phase I Environmental Site Assessments, and Remedial Investigations. She also manages large remediation projects for myriad clients. She has project experience in New Jersey, New York, Connecticut, Massachusetts, Pennsylvania, Virginia and Maryland.

Relevant Project Experience

PUBLIC PROJECTS

Project Manager, North Jersey District Water Supply Commission, Wanaque, New Jersey. GZA is providing LSRP, wetlands, and permitting services at the NJDWSC Shooting Range site in the protected New Jersey Highlands. In use as a shooting range since 1966, there has been no recovery of projectiles from the site. GZA conducted a full site characterization to determine the extent of the contamination, detected previously by other consultants, at and adjacent to the Range, including sampling and analysis of metals in the soil, groundwater, surface water and sediments at the Range and the adjacent site. To date GZA has performed a Preliminary Assessment, initial Receptor Evaluation, Remedial Investigation/Remedial Action Workplan, field sampling and sieve analysis, permitting, surface water and sediment sampling, and groundwater investigation. GZA will also develop a bid specification package for the remediation of the site and adjacent areas and monitor remediation through final closure of the site with the New Jersey Department of Environmental Protection (NJDEP) under the LSRP program.

EDUCATIONAL PROJECTS

Project Manager, NJSDA, Demarest School Flood Vulnerability Study and Environmental Site Closure, Hoboken, New Jersey. Conducted feasibility study prior to New Jersey Schools Development Authority's commitment to renovate existing educational spaces at the school; particular focus on FEMA floodplain designations and the impact on proposed site development. GZA also prepared an Environmental Screening Report and Preliminary Assessment.

Project Manager and Case LSRP, NJSDA, Orange High School Addition and Renovation, Orange, New Jersey. Environmental Project Manager for work completed as subcontractor to architect conducting interior and exterior renovations of existing school, construction of 50,000 gross square foot addition, and pedestrian bridge. Environmental services included pre-design Site Investigation, hazardous materials services, Environmental Screening Report, and an Executive Order 215 Report. GZA also provided geotechnical services for the project, and expedited project and saved costs by coordinating drilling required for geotechnical and environmental tasks. Subsequently, GZA was hired directly by the NJSDA to provide LSRP services and issue RAOs for four AOCs.

Project Manager, Passaic County Community College, Paterson, New Jersey. As part of an on-call contract to provide environmental consulting services to PCCC,

Education

B.S., 2004, Biological Sciences,
Rutgers State University of New Jersey

Licenses & Registrations

Licensed Site Remediation Professional,
State of NJ, #624951
New Jersey Indoor Environmental
Consultant/IEHA, #112

Areas of Specialization

- LSRP Services
- Soil and Groundwater Investigations
- Remedial Investigations
- Geotechnical Investigations



Sandra Huber, LSRP

Senior Project Manager

conducted pre-design environmental and geotechnical investigations in support of an addition to the Wanaque campus Academic Center.

Field Scientist, Harrison High School, Harrison, New Jersey. Field scientist for redevelopment a former industrial site into a new high school and athletic fields, incorporating an approved soil remedial action work plan from an ISRA investigation into the project design. Soils were contaminated with metals and base neutral compounds; groundwater was impacted by hydrocarbons and chlorinated solvents. GZA designed biological treatment of chlorinated volatile organic compounds in groundwater at the site, which in addition to soil remediation and institutional controls constituted the remediation program for the site. Challenges included addressing health and safety issues from exposure to contaminated materials during construction, design of a subsurface detention and infiltration system, obtaining and defining property use restrictions, and unanticipated additional contamination.

Field Scientist, Frank Sinatra High School, Astoria, New York. Prepared and oversaw Material Disposal Plan and Community Air Monitoring Plan for construction of a new high school on contaminated site. Multi-faceted environmental project included soils, air monitoring, an extensive amount of dewatering during construction, and removal of a previously unidentified UST.

Assistant Project Manager, HOPES Daycare, Hoboken, New Jersey. Joined GZA team working at site of active daycare center. Installed monitoring wells, completed groundwater investigations, and prepared Deed Notice.

Field Scientist, numerous Day Care Centers throughout New Jersey. Responsible for conducting several Preliminary Assessments and Indoor Environmental Health Assessments (IEHAs) of Day Care Centers as part of the re-licensing process required by the New Jersey Department of Health and Senior Services requirements.

COMMERCIAL/INDUSTRIAL PROJECTS

Project Manager, Former Gulton Industries/ISRA Site, Metuchen, New Jersey. Managing environmental/LSRP services at former industrial site that comprises approximately 32 acres, with both undeveloped land and commercial/industrial uses and a 3.3-acre wetlands and wetlands transition area. Completed Preliminary Assessment of the site and identified 26 Areas of Concern (AOCs); 17 of the AOCs were investigated further in a Site Investigation. The site is being investigated and remediated under the NJDEP ISRA program.

Project Manager, Hilton Hotel, Woodcliff Lake, New Jersey. Managed environmental/LSRP services at a hotel with historic applied pesticides. Completed Receptor Evaluation and a Site Investigation/Remedial Investigation/Remedial Action Report. Compliance averaging was used to remediate the Site using an institutional control (deed notice). A deed notice and Soil Remedial Action Permit was prepared. A Response Action Outcome (RAO) was issued.

Project Manager, Chrysler Dealership, Paramus, New Jersey. Managed Remedial Investigation (RI) to delineate soil and groundwater contamination identified in earlier Preliminary Assessment and Site Investigation completed by GZA.

Project Manager, Chrysler Dealership, Manhattan, New York. Conducted a Phase I ESA on a former Chrysler Manhattan property to document baseline conditions after Chrysler's lease ended and prior to new tenants occupying the lease space.

Assistant Project Manager, Wyman-Gordon Company/McWilliams Forge, Rockaway, New Jersey. On-site field scientist for GZA's remedial investigation activities to supplement more than seven years of remedial investigation data compiled by others for this 17+ acre site, pursuant to NJDEP regulations. Previous investigations identified 18 areas of concern at the site, which is occupied by a steel forging plant, located along the Rockaway River and surrounded by wetlands. GZA's scope of work also included a Baseline Ecological Evaluation and Ecological Risk Assessment Workplan, and wetland permitting. GZA addressed vapor intrusion issues at the Site by installing a sub-slab pressurization system. Oversaw hydrologic activities including slug tests, pump tests, and hydrogeologic conductivity testing.

Assistant Project Manager, Thomas Electronics, Wayne, New Jersey. Managed Preliminary Assessment and Site Investigation at eight-acre site at which cessation of electronics plant manufacturing operations triggered ISRA. Activities included soil sampling, drain cleaning, and SI Report preparation. Also prepared project budget and schedule and oversaw field personnel.



Sandra Huber, LSRP

Senior Project Manager

Assistant Project Manager, J.C. Dolph Industrial Facility, Monmouth Junction, New Jersey. At this ISRA case for a resin and coatings manufacturing facility in operation since the 1940s, completed a quick turnaround Preliminary Assessment to identify Areas of Concern. As part of the project, GZA conducted MACT air permitting compliance. Site and remedial investigations included a Baseline Ecological Evaluation and soil and groundwater sampling.

Assistant Project Manager, Demaco Industries, Belleville, New Jersey. Provided services at former specialty metals fabrication facility, an ISRA case located in a residential area. Client goals for the site include residential redevelopment with no restrictions. Collected delineation samples in accordance with an approved Remedial Action Workplan oversaw removal of contaminated soils and collected post-excavation samples; oversaw installation of monitoring wells; and collected groundwater samples

Field Scientist, Shopping Center, Edison, New Jersey. As part of an investigation into one former and one active dry cleaners at a functional retail shopping plaza, completed soil sampling and installed wells inside and outside stores. Worked around needs of active retail stores to completed the work.

Field Scientist, Confidential Specialty Tape Manufacturer, New Jersey. In the 1980s, GZA completed Preliminary Assessment of a specialty tape manufacturing facility for potential purchase by Client in accordance with ISRA regulation. Soils and groundwater were investigated at various areas of concern; sale executed once soils remediated beneath the building slab. Recently worked with the same Client, now the site owner, when cessation of operations once again triggered ISRA protocols. Completed Preliminary Assessment, Site Investigation, and identified soil and groundwater contamination.

Field Scientist, Hobby World, Little Ferry, New Jersey. Soil sampling completed to delineate metals contamination on the site of an active boat manufacturing facility; the site had housed a light bulb manufacturing facility over 100 years ago. Prepared Deed Notice, Soil Remedial Action Permit and Response Action Outcome.

Field Scientist, Ryder Trucking, Long Island City, New York. Completed groundwater sampling at this site where GZA successfully remediated BTEX-impacted groundwater in fractured bedrock, using a pump and treat system.

Field Scientist, Preferred Freezer-Bayway, Elizabeth, New Jersey. At this 20-acre brownfield site, that was also an ISRA case subject to NJDEP review and approval, participated in GZA task that included Phase I ESA, redevelopment plan creation, geotechnical investigation, well installation, waste-class sampling, and on-going groundwater sampling. Managed sediment and surface water RI in Morses Creek.

Field Scientist, Confidential Industrial Client, Midland Park, New Jersey. Collected soil samples from various locations on site to delineate contaminated areas. Collected groundwater samples from two existing monitoring wells and sediment samples from adjacent creek. Also, collected sediment sample from a catch basin on the street.

Field Scientist, Confidential Client, Clarks Summit, Pennsylvania. Collected rock and soil samples from 12 locations on this industrial site. Oversaw 12 permanent bedrock monitoring well installations and collected groundwater samples for each well.

Field Scientist, Confidential Trucking Company, Multiple Locations in New York/New Jersey. Collected soil and groundwater samples for ongoing remedial investigations.

HEALTHCARE PROJECTS

Project Manager, Confidential Healthcare Group, Northern New Jersey. Completed Receptor Evaluation, conducted soil borings, repaired inactive groundwater monitoring wells, and excavation of contaminated soils. Conducted multiple rounds of well gauging and low flow groundwater testing. RAO issued.

Field Scientist, Confidential Health Care Facility, Harrison, New York. After GZA removed and replaced two 20,000-gallon underground storage tanks at an active health care facility, oversaw three permanent monitoring well installations and collected groundwater samples for each well.



Sandra Huber, LSRP

Senior Project Manager

NON-PROFIT PROJECTS

Project Manager, 233 Landing Road Housing Development/Bowery Residents' Committee, Bronx, New York. Assisted Client during purchase of .85-acre vacant site to be used for a 13-story supportive housing development and subsurface parking. Historic uses at the site included manufactured gas plant-related structures and an engineering research facility. GZA conducted a Phase I Environmental Site Assessment, Vapor Encroachment Assessment, as well as Phase II Site Investigation. Upon discovery of contamination, the project was enrolled in the NYC Office of Environmental Remediation (NYC OER) Voluntary Clean-up Program and is an E-Designated Site; GZA completed a Remedial Investigation (RI), Remedial Action Workplan (RAWP) and implemented the Remedial Action under the VCP and providing oversight of the Community Air Monitoring Program (CAMP) and hazardous materials removal. The discovery of significant, previously unidentified subsurface structures and a 5,000-gallon underground storage tank during construction added complexity to the project.

Project Manager, Loring Place North Housing Development/Praxis Housing Initiative, Bronx, New York Provided environmental services as client purchased, investigated and remediated site that included three vacant multi-family residences and was to be redeveloped into an eight-story supporting housing unit. The project is enrolled in the NYC Office of Environmental Remediation (NYC OER) Voluntary Clean-up Program; GZA has completed a Phase I Environmental Site Investigation, Vapor Encroachment Assessment, Phase II Environmental Site Assessment, Asbestos-Containing Materials (ACM) Survey, Remedial Action Workplan (RAWP) and implemented the Remedial Action under the VCP and providing oversight of the Community Air Monitoring Program (CAMP) and hazardous materials removal.

Project Manager, Crest Haven Cemetery, Clifton, New Jersey. Assisting LSRP of Record with environmental services required to address leaking UST, compliance issues and NJDEP closure.

Assistant Project Manager, Confidential Non-Profit, Bloomingdale, New Jersey. Assisting LSRP-of-Record with groundwater issues, compliance, and NJDEP closure related to former underground storage tank (UST) at the maintenance building of a 397-acre camp.

Field Scientist, The Salvation Army (TSA), multiple sites in NJ/NY metro area. As part of GZA's Environmental Property Management contract with TSA, completed varied environmental consulting activities at TSA sites in support of property transactions and facility maintenance. Building types included in this contract include single-family residences and multi-story commercial buildings; functional spaces may include dormitories, chapels, kitchen/cafeteria areas, gymnasiums, offices, and/or retail thrift stores.

RESIDENTIAL PROJECTS

Project Manager, Private Residence, Elmwood Park, New Jersey. Complex UST Closure at private residence involving remediation, support of excavation, tank removal, injections, and groundwater monitoring.

Assistant Project Manager, Winbrook Residential Campus, White Plains, New York. Conducted Phase I Environmental Site Assessment and Phase II Site Investigation at residential complex comprising five, nine-story buildings on 9.3 acre site

Field Scientist, Residential Development, Clinton, New Jersey. Completed well installation, groundwater and soil sampling at large redevelopment site.

GAS/SERVICE STATION PROJECTS

Project Manager, Former Service Station, Maplewood, New Jersey. Remediation funded through a grant from the Underground Storage Tank Remediation Fund. Additional groundwater delineation and vapor investigation was conducted under the LSRP program.

Project Manager, former Service Center, Paterson, New Jersey. Conducted Remedial Investigation after USTs removed by others indicated soils and groundwater had been contaminated by leaking tanks. Remedial investigation consisted of multiple



Sandra Huber, LSRP

Senior Project Manager

rounds of well gauging and volume averaging groundwater sampling using existing wells and soil boring installation and sampling. Completed a Remedial Action Report and prepared a Response Action Outcome (RAO).

Project Manager, J Pastore/, Union, New Jersey. Conducted Remedial Investigation to delineate extent of contamination caused by a leaking UST. Required installation of bedrock and additional temporary monitoring wells. Oversaw the collection of groundwater samples to evaluate monitored natural attenuation.

PHASE I ENVIRONMENTAL ASSESSMENTS

Field Scientist, Fisher Property Group/Hotel Sites, Connecticut, Massachusetts, New York. Part of GZA team that conducted quick turn-around Phase I Environmental Site Investigations at properties around the U.S. as part of due diligence activities required for property transaction.

Field Scientist, Hotel Development, Herndon, Virginia. Working for developer, completed Phase I Environmental Site Assessment and geotechnical field investigation for potential hotel site.

GEOTECHNICAL PROJECTS

Field Scientist, Town of Perryville, Perryville, New Jersey. Oversaw geotechnical field investigation, conducted on a barge in river, for proposed municipal-owned pier.

Field Scientist, Bergen County Community College, Paramus, New Jersey. Completed geotechnical field investigation and oversaw soil borings.

Field Scientist, Multiple Branch Bank Locations, New York and New Jersey. Performed 50+ geotechnical investigations for JRS Architects at proposed bank locations in New Jersey and New York. Responsibilities included geotechnical soil borings and report preparation.

Field Scientist, Erbograph Building Redevelopment, New York, New York. Participated in geotechnical investigation and rock-coring tasks outside of this nearly 100-year-old blighted buildings that was being redeveloped into affordable senior housing. GZA also completed a Phase I ESA and



Lindsay A. Nunes, PG

Assistant Project Manager

Summary of Experience

Ms. Nunes is licensed Professional Geologist in New York State and has extensive experience with remediation projects in the NY/NJ area. She is experienced with database management and data analysis and technical report writing in compliance with regulatory agencies. Ms. Nunes is proficient in EQUS and AutoCAD Civil 3D.

Relevant Project Experience

INDUSTRIAL/COMMERCIAL PROJECTS

Assistant Project Manager, GATX Corporation, Middlesex, New Jersey. Assists the Project Manager/Case LSRP and manages 20+ years-worth of soil and groundwater data in an EQUS database. Soil and groundwater contamination includes metals, PCBs, PAHs, CVOCs and petroleum. Assisted the client with completing a Remedial Action Selection Report and quarterly groundwater monitoring reports.

Assistant Project Manager, McWilliams Forge, Rockleigh, New Jersey. Completed a Remedial Action Workplan for future site remedial activities. Developed and manages the soil and groundwater project database in EQUS.

Assistant Project Manager, Former Reichold Chemical Facility, Linden, New Jersey. Developed and manages the sediment project database in EQUS. Assisted the Project Manager with developing the technical report and statistics for a background sediment study.

DUE DILIGENCE/REAL ESTATE PROJECTS

Assistant Project Manager, Various New York State Sites. Performed third-party reviews of historical reports to advise the client on the status and completion of environmental conditions for pending real estate transactions.

Experience Prior to GZA

Database Manager/Associate Project Manager, Former Pharmaceutical Manufacturer, Nutley, New Jersey. Managed the tracking and organization of all field data regarding site-wide groundwater remedial investigations. Contributed to the preparation of technical reports for remedial investigations and annual progress reports. Generated maps with CAD. Key Contributions:

- Produced maps, RFA summaries and CSARS to facilitate project functions and processing.
- Established monitoring networks that met compliance regulations through the review of groundwater monitoring data.

Task Manager/Associate Project Manager, Confidential University, Newark, New Jersey. Oversaw all aspects of remedial investigation such as data analysis, CEA biennial certification, and project management. Key Contributions:

- Organized, reviewed and updated the well search and table, maps, GIS files and certification forms.

Education

B.S., 2011, Geology, Rutgers – The State University of NJ, Newark, NJ

Licenses & Registrations

Professional Geologist, New York, #001116

Areas of Specialization

- Remedial Investigations
- Remediation
- Data Management
- Data Analysis and Technical Report Writing
- EQUS
- AutoCAD Civil3D
- Grapher
- ArcGIS



Lindsay A. Nunes, PG

Assistant Project Manager

- Contributed to preparation of work plans and project budgets in addition to managing expenditures and purchase orders.

Task Manager/Geologist, Dry Cleaning Facility, Flemington, New Jersey. Supervised the preparation and negotiation of bid documents for a wide range of projects and services. Key Contribution:

- Established pricing and scheduling for projects such as delineation soil borings, the removal and disposal of contaminated soil and holding pits, the on-site monitoring of well installations and the off-site monitoring of well cluster installations.

Graphics Manager/Geologist, Confidential Shopping Center, Park Ridge, New Jersey. Prepared and enhanced technical reports through the design and utilization of graphics packages. Key Contribution:

- Collaborated with the Licensed Site Remediation Professional (LSRP) to create and analyze potentiometric surface maps, contaminant isopleths, geologic cross-sections for remedial investigation and classification exception areas (CEA).

Database Manager/Geologist, Chemical Distribution Terminal, Carteret, New Jersey. Directed the logistics and management of the database associated with quarterly soil and ground water sampling. Built data tables and reports with an emphasis on soil and ground water quality and hydraulic gradients. Key Contributions:

- Optimized CAD tools to create maps that accurately illustrate soil and ground water data collected from field operations.
- Crafted and updated isopleth, potentiometric surface and cross section maps.

Database Manager/Geologist, Spectra Expansion Project, Multiple Locations, New York and New Jersey. Executed the sampling of soil and groundwater for characterization within the Spectra pipeline. Coalesced the collected data from linear project to expedite analysis and strategy development. Resolved sampling plans for the soil disposal facility. Key Contributions:

- Administered the installation of wells and soil borings.
- Wrote multiple sections of the Linear Construction Project Reports within both New Jersey and New York.

Certifications/Training

- 40-Hour OSHA HAZWOPER Training, including 8-hour Refresher
- 10-Hour OSHA Construction Training
- Practical Applications in Hydrogeology, Rutgers University



Casey McGuffy

Scientist I

Education

M.S., 2017, Geophysics, University of Wyoming
B.S., 2014, Geology, Rutgers University - Newark

Areas of Specialization

- Phase I Site Assessments
- Soil & Groundwater Sampling
- Data Analysis and Report Preparation
- Geophysical Work

Summary of Experience

Casey McGuffy's field experience includes site/remedial investigations and remedial actions. She has completed soil, groundwater and air sampling; she has also contributed to research, data analysis and reporting efforts.

Prior to her work at GZA, she worked as a geologist for a Delaware-based engineering firm. She has a strong background working in outdoor conditions, including field work in New Mexico and Wyoming for her Master's thesis, as well as a two-week field project in sub-zero temperatures in the Norwegian arctic.

Relevant Project Experience

INDUSTRIAL/COMMERCIAL PROJECTS

Environmental Scientist, Gulton, Metuchen, New Jersey. Member of GZA team providing large-scale site investigation at a site where historic operations included alkaline battery and thermal printhead manufacturing. Field activities were intended to delineate extent of contamination by hazardous materials on site, including petroleum products, diluted acids, metal solutions, and chlorinated solvents. Field activities have included site-wide groundwater and soil sampling. Oversaw Membrane Interface Probe (MIP) data collection. Assisted with data analysis and Permit-By-Rule Monitoring report preparation.

Environmental Scientist, Asbury Park, New Jersey. Assisted GZA's LSRP with a soil and groundwater investigation at a site with gasoline-related contamination at a site with two former underground storage tanks (USTs). Oversaw removal of USTs, called in a spill to the NJDEP, oversaw the installation of monitoring wells and temporary wells, collected soil and groundwater samples.

Environmental Scientist, FEMA-funded Preliminary Assessments, Little Falls, New Jersey. Completed Preliminary Assessments on multiple residences located within a flood plain near the Passaic River. Flood prone homes will be demolished in effort to reclaim flood zone and reduce future flooding risk. Project was completed for the Township of Little Falls under a grant from FEMA. Conducted Phase II investigation at several homes revealing areas of concern (AOCs) that needed further investigation.

Environmental Scientist, 180 East 132nd Street, Bronx, New York. Prepared Phase I Environmental Site Assessment. Compiled Phase II workplan and completed Phase II field activities, including oversight of temporary well installation, oversight of soil vapor probe installation, groundwater sampling, soil sampling, and soil vapor sampling. Compiled Remedial Investigation Report (RIR) for NYC Office of Environmental Remediation (OER). Assisted with Brownfields Cleanup Program (BCP) application for the Site.

Environmental Scientist, UGI, Catasauqua, Pennsylvania. Assisted with Initial Investigation report preparation on a Manufactured Gas Plant (MGP) site.

Environmental Scientist, McWilliams Forge, Rockaway, New Jersey. Assisted with Passive Diffusion Bag (PDB) deployment and sampling, low-flow groundwater sampling, and stream sediment sampling



Casey McGuffy

Scientist I

Environmental Scientist, GATX, Middlesex, New Jersey. Participated in a large remedial investigation effort at a salvage yard in Middlesex County. The site was identified historically to operate as a rail car operation facility. Performed multiple rounds of low flow groundwater sampling of an on-site and off-site well network.

Environmental Scientist, Steel Craft, Newark, New Jersey. Member of GZA team providing environmental investigation and remediation services for a former industrial site. Conducted well gauging and baseline groundwater sampling prior to startup of groundwater remediation system. Sampled off-site monitoring wells via low flow sampling methods for volatile organic compounds (VOCs).

Environmental Scientist, PQ Corporation Remedial Investigation/Remediation, Rahway, New Jersey. Conducted quarterly well gauging and low-flow groundwater sampling for ongoing groundwater investigation.

Environmental Scientist, HOPES Daycare, Hoboken, New Jersey. Compiled Vapor Intrusion and Site Investigation reports for a daycare site at which GZA is providing multiple environmental services.

Environmental Scientist, Gerry Street Brownfield Redevelopment, Brooklyn, New York. Assisted with Long Island Well Permit Application for anticipated dewatering activities required at this brownfield site, which is enrolled in the NYSDEC Voluntary Clean-up Program. Contamination includes chlorinated solvent impacts to groundwater and soil vapor, and historic-fill-impacted soils.

Environmental Scientist, State and City Environmental Quality Reviews (SEQR/CEQR), Bronx, New York. Conducted SEQR/CEQRs for several properties in the Bronx, New York.

Environmental Scientist, Phase I Environmental Site Assessments. Completed many Phase I Environmental Site Assessments for properties located in New Jersey, New York, and Michigan.

Certifications/Training

- 40-Hour OSHA HAZWOPER