126 BRUCKNER BOULEVARD
BRONX, NEW YORK

REMEDIAL INVESTIGATION REPORT

OER Project Numbers: 23TMP0364X, 23EH-N058X
CEQR Number 05DCP005X
E-Designation Number: E-143
Port Morris Special Mixed-Use District

Prepared for:
126 Bruckner Owner LLC
℅ Artimus
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OCTOBER 2022

REMEDIAL INVESTIGATION REPORT

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LIST OF ACRONYMS

Acronym	Definition
AGV	Air Guidance Value
AOC	Area of Concern
ASTM	American Society for Testing and Materials
AWQSGV	Ambient Water Quality Standards and Guidance Values
BTEX	A group of VOCs comprising benzene, toluene, ethylbenzene, and xylenes
CEQR	City Environmental Quality Review
CVOC	Chlorinated Volatile Organic Compound
DER	Division of Environmental Remediation
DPP	Direct-push Probe
ELAP	New York State Environmental Laboratory Approval Program
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
GPR	Ground Penetrating Radar
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IRM	Interim Remedial Measure
MW	Monitoring Well
NY	New York
NYC	New York City
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OER	New York City Office of Environmental Remediation
OSHA	United States Occupational Safety and Health Administration
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethylene
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PID	Photoionization detector
PVC	Polyvinyl Chloride
QA	Quality Assurance
QC	Quality Control
QEP	Qualified Environmental Professional
RCNY	Rules of the City of New York
RI	Remedial Investigation
RIR	Remedial Investigation Report
ROD	Record of Decision
RRGV	Restricted Residential Use Guidance Value

Acronym	Definition
RRSCO	Restricted Residential Soil Cleanup Objective
SB	Soil Boring
SCO	Soil Cleanup Objective
SIM	Selective Ion Monitoring
SV	Soil Vapor
SVE	Soil Vapor Extraction
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
TCE	Trichloroethylene
UST	Underground Storage Tank
UUGV	Unrestricted Use Guidance Value
UUSCO	Unrestricted Use Soil Cleanup Objective
VOC	Volatile Organic Compound

CERTIFICATION

I, Stephen Malinowski, am a Qualified Environmental Professional, as defined in RCNY § 43-1402(ar). I have primary direct responsibility for implementation of the Remedial Investigation for the 126 Bruckner Boulevard site (OER Site Numbers 23TMP0364X, 23EH-N025X). I am responsible for the content of this Remedial Investigation Report (RIR), have reviewed its contents and certify that this RIR is accurate to the best of my knowledge and contains all available environmental information and data regarding the property.

Stephen Malinowski, QEP	10-18-2022	
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

The Remedial Investigation Report (RIR) provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to RCNY§ 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

Site Location and Current Usage

The Site is located at 122-126 Buckner Boulevard, 517-519 East 132nd Street and 521-529 East 132nd in the Mott Haven section of The Bronx, New York and is identified as Block 2260, Lots 1, 4, 34 and 38 on the New York City Tax Map. The Site is 42,470 sf (0.975 acres) and is bounded by Bruckner Boulevard to the north, East 132nd Street to the south, Brook Avenue to the west and St. Ann's Avenue to the east. Lot 1 is currently used as a staging area for local grocery delivery service for the surrounding neighborhood, and is improved with a warehouse, security shack and asphalt-paved parking areas. The Lot is enclosed with a sheet metal fence with gate fronting along East 132nd Street to the south. A retaining wall is present along the northeastern portions of the parcel, abutting Lot 4. Lot 4 is improved with an active retail gasoline filling station (Speedway) with six fuel dispenser stations and a small, one-story convenience store and cashiers' office on the center of the parcel with an overhead canopy. A compressed air dispenser and a small one-story building (likely storage) and/or control equipment is located in the southeastern portions of the parcel. Lot 34 is improved two (2) one-story, slab-on-grade steel frame commercial structures. The easternmost structure is currently vacant and the westernmost building is currently occupied by Sparkz Iron Works and utilized for metal product fabrication. A gated storage yard is present between the buildings on the central portions of the parcel, which is open-air with a partially overhead sheet metal canopy. Lot 38 is improved with a three-story, slab-on-grade steel frame commercial structure that spans the majority of the parcel which is currently occupied by a motorcycle service and repair business on the ground floor. The upper floors are currently vacant.

Summary of Proposed Redevelopment Plan

The proposed redevelopment will feature demolition of the existing gasoline filling station on Lot 4, and existing buildings on Lots 1, 34 and 38. The proposed future use of the Site will consist of a residential building with retail on the ground floor that includes an affordable housing component. Development plans for the proposed redevelopment have not yet been finalized; however, the proposed building footprint is expected to occupy the entire Site across all parcels. It is unknown if the future building will feature slab-on-grade construction or if it will include a cellar. Slab-on-grade construction would feature minimal excavation approximately 1 to 4 feet below grade [bg]) for utility trenches, elevator and sump pits, and other various structural foundation elements. A proposed site-wide cellar would feature excavation into the water table, which was recorded between approximately 5-to-7.5 feet bg during previous investigations. A side-wide cellar, if implemented, would feature either subgrade parking or common/utility spaces. Development plans, upon completion, will be incorporated into a Remedial Action Work Plan (RAWP) which will be submitted to OER for review and approval prior to the start of construction.

The current zoning designation is M1-5/R8A and is located in the Special Port Morris Mixed Use Zoning District (MX-1). The proposed use is consistent with existing zoning for the property.

Summary of Past Uses of Site and Areas of Concern

Lot 4 (126 Bruckner Boulevard) was undeveloped from as early as 1891 into the 1920s. Lot 4 was developed by 1935 (likely by 1922 or shortly thereafter) with a two-story building with a basement (a wagon works), a one-story building (utilized for welding), and a one-story blacksmith building. From 1944 through 1951, the blacksmith building was replaced with a store fronting Bruckner Boulevard, and the wagon works building was repurposed to a machine shop and manufacturing building. The Site

became vacant between 1951 and 1969. By 1977, the Site was improved with a retail gasoline filling station and has continued to operate as a gasoline filling station since that time.

Lot 1 (122 Bruckner Boulevard) was previously occupied by two railroad spurs, which lead into a former machine shop on the parcel from the 1890s to the 1920s. A blacksmith shop was present in the northern portions of the parcel in 1908. By the 1920s, the parcel was occupied by a garage. The parcel remained improved with a garage from the 1980s to the 2000s, which was formerly occupied by the Crystal Spring Water Company facility (in 1986) and Gassman Coal & Oil Co. facility between 1986 and 2002. The parcel was in its current configuration in the early 2000s, consisting of an asphalt-paved parking lot and warehouse.

Lot 38 (517-519 East 132nd Street) was previously vacant as early as 1892 through at least 1903. Between 1903 and 1908, the parcel was improved with the existing three-story commercial building which was occupied by a stable on the first floor and was also utilized for storage of piano plates. Between 1928 and 1935, the parcel was occupied by the Crystal Spring Water Company. The parcel remained of similar configuration and occupied by the Crystal Springs Water Company until at least 1984. Between 1984 and 1986, the parcel became occupied by the Gassman Coal & Oil Company and remained occupied through at least 2007.

Lot 34 (521-529 East 132nd Street) was previously vacant as early as 1891 through at least 1928. By 1935, the parcel was occupied by the Crystal Spring Water Company and was improved with the existing one-story commercial building in the western portions. In addition, several small one-story stores were located in the eastern portions of the parcel, with a one-story accessory building in the northwestern corner. Between 1946 and 1947, the one-story stores were replaced with the existing one-story building (now vacant) in the eastern portions of the Site and the parcel was at its current configuration. The parcel remained occupied by the Crystal Spring Water Company through at least 1984. Between 1984 and 1986, the parcel became occupied by the Gassman Coal & Oil Company and remained occupied through at least 2007.

Based on previous environmental assessments and investigations performed at the Site, the following areas of concern (AOCs) were identified:

- Historical uses on Lot 1 include two railroad spurs, machine and blacksmith shops and the previous Gassman Coal & Oil Co. that occupied the parcel. Prior to its current use as a staging area for local grocery delivery service, Lot 1 was most recently occupied by Upright Hoisting. Poor housekeeping practices (i.e., open chemical storage containers, poorly maintained spray paint booth, and paint spills/spatters on pavement) were documented in connection with this former use. Historic Sanborn maps also indicate the presence of gasoline underground storage tanks (USTs) on this parcel. Historic usage and the potential presence of abandoned gasoline USTs could have affected subsurface conditions on Lot 1.
- Historical Site uses on Lot 4 include a gasoline filling station, a wagon works (converted to machine shop and manufacturing), welding operations and blacksmith shop.
- Lot 4 is registered on the New York State Department of Environmental Conservation (NYSDEC) Petroleum Bulk Storage (PBS) Program under Facility ID 2-297658 with two closed-removed 550-gallon USTs (product not specified), one closed-removed 600-gallon UST (product not specified), 36 closed in-place 550-gallon gasoline USTs, two closed-removed 2,000-gallon gasoline USTs, one closed-removed 2,000-gallon No. 2 fuel oil UST, four closed-removed 4,000-gallon gasoline USTs, and five in-service 4,000-gallon gasoline/ethanol USTs. The two 2,000-gallon and four 4,000-gallon gasoline USTs were reportedly removed in 1994, and a 550-gallon wastewater tank was reportedly removed in 2010. The 36 closed in-place 550-gallon gasoline USTs were removed from Lot 4 between 1994 and 1995.

- Three closed NYSDEC petroleum spills were identified on Lot 4 associated with gasoline filling station operations (Spill Nos. 8606553, 9205097, and 9405017). The spill cases documented evidence of soil and groundwater impacts to Lot 4, which required long-term remediation and monitoring, including tank removal, soil excavation and the installation of a soil vapor extraction (SVE)/air sparge system, and groundwater monitoring. Although the spills achieved regulatory closure, residual contamination likely remains on Lot 4. NYSDEC indicated any future redevelopment of the Site would require vapor mitigation to mitigate vapor intrusion concerns.
- Historic operations on Lot 34 include previous structures of unknown use, and occupation by Gassman Coal & Oil Co. Further, residual contamination may be present in soil and groundwater associated with NYSDEC Spill 01-01831 that was closed without remedial action. The spill incident was attributed to soil contamination associated with removal of two USTs and one abandoned-in-place UST. Soil samples collected from the removed tank grave indicated benzene and methyl tert butyl ether (MTBE) at elevated concentrations. Additional soil and groundwater sampling within the location of the former tanks revealed volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) above standards in soil and low-level VOCs and SVOCs in groundwater. NYSDEC required quarterly groundwater monitoring which Further soil and groundwater sampling conducted Quarterly groundwater monitoring was required for the spill incident and a cleanup plan. A RAP and subsequent RAP Addendum outlining plans for excavation of contaminated soil and the application of ORC to the excavation. Although the RAP and RAP Addendum was reviewed and approved by the NYSDEC, cleanup was never implemented on Lot 34. Further, although NYSDEC closed the spill incident by determining soil and groundwater contamination was minimal and not a threat to the public or the environment, residual contamination may still exist on Lot 34.
- Historic operations on Lot 38 include occupation by Gassman Coal & Oil Co. Current uses include a motorcycle repair shop which could affect subsurface conditions on Lot 38.

Summary of the Work Performed under the Remedial Investigation

For the Remedial Investigation of the Site, AKRF performed the following scope of work in October 2019 and July 2022:

1. Conducted geophysical investigations across accessible portions of the Site to clear the proposed boring locations for subsurface utilities, locate the presence of any USTs, and locate other potential buried structures;
2. Installed 24 soil borings across the Site and collected 50 soil samples for laboratory analysis to evaluate soil quality;
3. Installed 6 temporary groundwater monitoring wells and collected a sample from each well for laboratory analysis to evaluate groundwater quality; and
4. Installed 9 soil vapor probes and collected 9 soil vapor samples for chemical analysis. One ambient outdoor air sample were also collected.

Summary of Environmental Findings

AKRF performed the following scope of work at the Site on behalf of 122 Bruckner Partners LLC, 122 Bruckner Development LLC and 126 Bruckner Owner LLC that included geophysical investigations, advancement of 24 soil borings across the Site with collection of 50 soil samples, installation of 6 temporary groundwater monitoring wells and collected a sample from each well, and installation of 9 soil vapor probes and collected 9 soil vapor samples and one ambient outdoor air sample.

1. Elevation of the property ranges from approximately 12 to 18 feet above the North American Vertical Datum of 1929 (an approximation of mean sea level).

2. Groundwater was encountered between 5.37 and 8.12 feet below grade (bg) during the RI.
3. General groundwater flow direction is expected to be in a north-northeasterly direction based on available groundwater monitoring data from the NYSDEC spill investigations for Lot 4. However, it is expected that regional groundwater the vicinity of the Site travels in a southerly direction, toward the nearest water body (Bronx Kill), located approximately 550 feet south of the Site. Groundwater in this part of Bronx is not generally used as a source of drinking water.
4. Bedrock was not encountered during the RI.
5. Based on this RIR, the stratigraphy of the Site, from the surface down, consists of up to five feet of historic fill material (including sand, gravel, silt and brick) underlain by sand, silt, gravel and clay.
6. Bedrock was not encountered during RI.
7. The geophysical surveys conducted in both September 2019 and July 2022 did not identify any anomalies consistent with a potential UST; however, they were able to identify underground utilities.
8. Soil sample analytical results from the 15 soil samples collected by AKRF in October 2019 and 35 soil samples collected in July 2022 were compared to NYSDEC 6 New York Codes, Rules and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs).

    - Volatile organic compounds (VOCs), with the exception of acetone, benzene, and toluene were not detected above their respective UUSCOs in the samples analyzed. Benzene was detected in two samples (max. concentration of 0.83 milligrams per kilogram [mg/kg]) exceeding its UUSCO of 0.06 mg/kg, but well below its RRSCO of 4.8 mg/kg. Toluene was detected in sample SB-01_9-11_20191004 on Lot 4 at a concentration of 1.1 mg/kg, which exceeds its UUSCO of 0.07 mg/kg, but is well below its RRSCO of 100 mg/kg. Acetone was detected in 2 samples (max. concentration 0.081 mg/kg), which exceeds its UUSCO of 0.05 mg/kg, but well below its RRSCO of 100 mg/kg.
    - SVOCs were detected in 6 of the 50 samples above applicable standards. The SVOCs benzo(a)anthracene (max. concentration of 3.3 mg/kg), benzo(a)pyrene (max. concentration of 5.5 mg/kg), benzo(b)fluoranthene (max. concentration of 7.5 mg/kg), dibenz(a,h)anthracene (detected at 0.91 mg/kg) and indeno(1,2,3-cd)pyrene (max. concentration of 4.5 mg/g) were detected in one or more soil samples in exceedance of their respective RRSCOs. The SVOCs benzo(k)fluoranthene (max. concentration 2.6 mg/kg) and chrysene (max. concentration of 3.5 mg/kg) were also detected in one or more samples in exceedance of their respective UUSCOs.
    - Five metals exceeded their RRSCOs in one or more samples, including arsenic (detected at 88.1 mg/kg), barium (detected at 538 mg/kg), copper (max. concentration of 3,730 mg/kg), lead (max. concentration of 1,000 mg/kg), and mercury (max. concentration of 2.6 mg/kg). Four metals were detected exceeded their UUSCOs in one or more samples including cadmium (detected at 2.9 mg/kg), hexavalent chromium (max. concentration of 15.4 mg/kg), selenium (detected at 13.9 mg/kg), and zinc (max. concentration of 328 mg/kg).
    - Polychlorinated biphenyls (PCBs) were not detected in any of the samples analyzed on Lots 1, 34 and 38.
    - Three pesticides including 4,4'-DDT (max. concentration of 0.27 mg/kg), 4,4'-DDD (max. concentration of 0.01 mg/kg) and 4,4'-DDE (max. concentration of 0.095 mg/kg) were detected in one or more soil samples at concentrations exceeding their UUSCOs, but well below their RRSCOs.

9. Groundwater sample analytical data from the two samples collected by AKRF in October 2019 and five samples collected in July 2022 were compared to NYSDEC Technical & Operational Series (TOGS) Ambient Water Quality Standards and Guidance Values (AWQSGV).

    - Eight VOCs were detected in one or more samples at concentrations exceeding their respective AWQSGVs, including benzene (max. concentration of 90 micrograms per liter [µg/L]), ethylbenzene (detected at 420 µg/L), isopropylbenzene (max. concentration of 49 µg/L), m,p-xylenes (detected at 1,200 µg/L), o-xylene (detected at 600 µg/L), tert-butyl methyl ether (max. concentration of 41 µg/L), toluene (max. concentration of 78 µg/L) and naphthalene (detected at 78 µg/L).
    - SVOCs were not detected in any groundwater samples analyzed above AWQSGVs.
    - The metals beryllium, chromium, iron, lead, magnesium, manganese, mercury, sodium, and thallium were detected above AWQSGVs in one or more of the unfiltered samples (total metals analysis) on Lots 1, 34 and 38. Manganese (max. concentration of 1,160 µg/L) and sodium (maximum of 1,290,000 µg/L) were also detected above AWQSGVs in one or more of the filtered samples (dissolved metals analysis).
    - PCBs and pesticides were not detected in any of groundwater samples analyzed above AWQSGVs.

10. Soil vapor results from the four samples collected by AKRF in October 2019 and fivw samples collected in July 2022, in the absence of federal/state standards or guidelines, were compared to the New York State Department of Health (NYSDOH's) *Final Guidance for Evaluating Soil Vapor Intrusion*, dated October 2006 (updated May 2017), matrices.

    - 41 VOCs in the samples, specifically benzene, toluene, ethylbenzene, xylenes (collectively referred to as BTEX), dichlorodifluoromethane, chlorodifluoromethane, chloromethane, n-Butane, 1,3-Butadiene, chloroethane, trichlorofluoromethane, 1,1,2-Trichlorotrifluoroethane, acetone, isopropyl alcohol, carbon disulfide, methylene chloride, tert-butyl alcohol, methyl tert-butyl ether, n-hexane, methyl ethyl ketone (2-Butanone), chloroform, 1,1,1-Trichloroethane, cyclohexane, carbon tetrachloride, 2,2,4-Trimethylpentane, n-Heptane, trichloroethene, methyl methacrylate, 4-methyl-2-pentanone (methyl isobutyl ketone), PCE, methyl butyl ketone (2-Hexanone), chlorobenzene, n-propylbenzene, 4-Ethyltoluene, 1,3,5-Trimethylbenzene, 1,2,4-Trimethylbenzene, 4-isopropyltoluene, 1,3-dichlorobenzene, n-butylbenzene, hexachlorobutadiene and naphthalene at concentrations ranging from an estimated 0.31 µg/m^3 to 2,900 µg/m^3 from a diluted sample.
    - Several chlorinated-VOC (CVOC) compounds subject to NYSDOH Soil Vapor/Indoor Air decision matrices were detected in one or more soil vapor samples. Carbon tetrachloride was detected in one or more soil vapor samples at a maximum concentration of 1.4 µg/m^3. PCE was detected at a maximum concentration of 540 µg/m^3 in a diluted sample. 1,1,1-trichloroethane was detected in one or more soil vapor samples at a maximum concentration of 1.8 µg/m^3. TCE was detected in one or more soil vapor samples at a maximum concentration of soil vapor sample at a maximum concentration of 180 µg/m^3. Methylene chloride was detected in one or more soil vapor samples at a maximum concentration of 66 µg/m^3. Cis-1,2-dichloroethene was detected in one soil vapor sample at a concentration of 2 µg/m^3. Comparison to the respective NYSDOH Soil Vapor/Indoor Air decision matrices indicates no further action is required for carbon tetrachloride, PCE, 1,1,1-trichloroethane, methylene chloride and cis-1,2-dichloroethene. However, TCE was detected in one soil vapor sample (SV-04_20220708 on Lot 34) at a concentration of 180 µg/m^3, which exceeds mitigation threshold of 60 µg/m^3 specified in NYSDOH Soil Vapor/Indoor Air Matrix A.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

126 Bruckner Owner, LLC is working with the New York City (NYC) Office of Environmental Remediation (OER) to investigate and remediate a 42,470 square foot (sf) site located at 122-126 Bruckner Boulevard, 517-519 East 132nd Street and 521-529 East 132nd in the Mott Haven section of The Bronx, New York (the "Site"). The Remedial Investigation (RI) work was performed on July 7 and 8, 2022. Additionally, soil, groundwater and soil vapor data generated during a Subsurface (Phase II) Investigation conducted in October 2019 was used to supplement the data obtained from the RI. This Remedial Investigation Report (RIR) along with data documented in October 2019, provides sufficient information for establishment of remedial action objectives, evaluation of remedial action alternatives, and selection of a remedy pursuant to Rules of the City of New York § 43-1407(f). The remedial investigation (RI) described in this document is consistent with applicable guidance.

1.1 Site Location and Current Usage

The Site is located at 122-126 Buckner Boulevard, 517-519 East 132nd Street and 521-529 East 132nd in the Mott Haven section of The Bronx, New York and is identified as Block 2260, Lots 1, 4, 34 and 38 on the New York City Tax Map. The Site is 42,470 sf (0.975 acres) and is bounded by Bruckner Boulevard to the north, East 132nd Street to the south, Brook Avenue to the west and St. Ann's Avenue to the east. Lot 1 is currently used as a staging area for local grocery delivery service for the surrounding neighborhood, and is improved with a warehouse, security shack and asphalt-paved parking areas. The Lot is enclosed with a sheet metal fence with gate fronting along East 132nd Street to the south. A retaining wall is present along the northeastern portions of the parcel, abutting Lot 4. Lot 4 is improved with an active retail gasoline filling station (Speedway) with six fuel dispenser stations and a small, one-story convenience store and cashiers' office on the center of the parcel with an overhead canopy. A compressed air dispenser and a small one-story building (likely storage) and/or control equipment is located in the southeastern portions of the parcel. Lot 34 is improved two (2) one-story, slab-on-grade steel frame commercial structures. The easternmost structure is currently vacant and the westernmost building is currently occupied by Sparkz Iron Works and utilized for metal product fabrication. A gated storage yard is present between the buildings on the central portions of the parcel, which is open-air with a partially overhead sheet metal canopy. Lot 38 is improved with a three-story, slab-on-grade steel frame commercial structure that spans the majority of the parcel which is currently occupied by a motorcycle service and repair business on the ground floor. The upper floors are currently vacant.

The Site boundary location is shown on Figure 1, and Site details are shown on Figure 2.

1.2 Proposed Redevelopment Plan

The proposed redevelopment will feature demolition of the existing gasoline filling station on Lot 4, and existing buildings on Lots 1, 34 and 38. The proposed future use of the Site will consist of a residential building with retail on the ground floor that includes an affordable housing component. Development plans for the proposed redevelopment have not yet been finalized; however, the proposed building footprint is expected to occupy the entire Site across all parcels. It is unknown if the future building will feature slab-on-grade construction or if it will include a cellar. Slab-on-grade construction would feature minimal excavation approximately 1 to 4 feet below grade [bg]) for utility trenches, elevator and sump pits, and other various structural foundation elements. A proposed site-wide cellar would feature excavation into the water table, which was recorded between approximately 5-to-7.5 feet bg during previous investigations. A

side-wide cellar, if implemented, would feature either subgrade parking or common/utility spaces. Development plans, upon completion, will be incorporated into a Remedial Action Work Plan (RAWP) which will be submitted to OER for review and approval prior to the start of construction.

The current zoning designation is M1-5/R8A and is located in the Special Port Morris Mixed Use Zoning District (MX-1). The proposed use is consistent with existing zoning for the property.

1.3 Description of Surrounding Property

The Site is bound by Brook Avenue to the west, with a five-story warehouse along the west side of Brook Avenue. The northern adjacent properties across Bruckner Boulevard are primarily one- and two-story industrial-use properties including a sheet metal supply facility. The adjacent property to the south across East 132nd Street is improved with a one-story commercial property currently occupied by a wholesale fast food supply depot. The adjacent property to the east is improved with a former bakery (Zaro's) that fronts along both Bruckner Boulevard to the north, and East 132nd Street to the south, which is a New York State Department of Environmental Conservation's (NYSDEC) Brownfield Cleanup Program (BCP) site (Site C203127).

The former Zaro's Bakery (Zaro's) site located at 138 Bruckner Boulevard and 107 Saint Ann's Avenue, consists of two tax parcels on approximately 1.16-acres. Based upon the findings of the NYSDEC RIR, the primary contaminants of concern at this site include semivolatile organic compounds (SVOCs) (specifically polycyclic aromatic hydrocarbons [PAHs]) and metals in soil, SVOCs and perfluoro-alkyl substances (PFOAs) in groundwater, and solvent- and petroleum-related VOCs in soil vapor. Contaminants in soil at this site were attributed to historic fill material. Groundwater was similarly impacted with PAHs, and metals. Soil vapor exhibited petroleum and solvent-related volatile organic compounds (VOCs). However, no solvent-related VOCs were detected at concentrations that exceeded their respective New York State Department of Health (NYSDOH) decision matrix values.

According to OER's Searchable Property Environmental E-Database (SPEED) database, no day care facilities, schools or hospitals are located within 500-feet of the Site. Surrounding land usage is shown on Figure 3.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

Lot 4 (126 Bruckner Boulevard) was undeveloped from as early as 1891 into the 1920s. Lot 4 was developed by 1935 (likely by 1922 or shortly thereafter) with a two-story building with a basement (a wagon works), a one-story building (utilized for welding), and a one-story blacksmith building. From 1944 through 1951, the blacksmith building was replaced with a store fronting Bruckner Boulevard, and the wagon works building was repurposed to a machine shop and manufacturing building. The Site became vacant between 1951 and 1969. By 1977, the Site was improved with a retail gasoline filling station and has continued to operate as a gasoline filling station since that time.

Lot 1 (122 Bruckner Boulevard) was previously occupied by two railroad spurs, which lead into a former machine shop on the parcel from the 1890s to the 1920s. A blacksmith shop was present in the northern portions of the parcel in 1908. By the 1920s, the parcel was occupied by a garage. The parcel remained improved with a garage from the 1980s to the 2000s, which was formerly occupied by the Crystal Spring Water Company facility (in 1986) and Gassman Coal & Oil Co. facility between 1986 and 2002. The parcel was in its current configuration in the early 2000s, consisting of an asphalt-paved parking lot and warehouse.

Lot 38 (517-519 East 132nd Street) was previously vacant as early as 1892 through at least 1903. Between 1903 and 1908, the parcel was improved with the existing three-story commercial building which was occupied by a stable on the first floor and was also utilized for storage of piano plates. Between 1928 and 1935, the parcel was occupied by the Crystal Spring Water Company. The parcel remained of similar configuration and occupied by the Crystal Springs Water Company until at least 1984. Between 1984 and 1986, the parcel became occupied by the Gassman Coal & Oil Company and remained occupied through at least 2007.

Lot 34 (521-529 East 132nd Street) was previously vacant as early as 1891 through at least 1928. By 1935, the parcel was occupied by the Crystal Spring Water Company and was improved with the existing one-story commercial building in the western portions. In addition, several small one-story stores were located in the eastern portions of the parcel, with a one-story accessory building in the northwestern corner. Between 1946 and 1947, the one-story stores were replaced with the existing one-story building (now vacant) in the eastern portions of the Site and the parcel was at its current configuration. The parcel remained occupied by the Crystal Spring Water Company through at least 1984. Between 1984 and 1986, the parcel became occupied by the Gassman Coal & Oil Company and remained occupied through at least 2007.

2.2 Previous Investigations

2.2.1 126 Bruckner Boulevard (Lot 4)

Underground Storage Tank Closure Report – Merit Bruckner, 126 Bruckner Boulevard, Bronx, New York, Groundwater & Environmental Services, Inc., April 1993

Groundwater & Environmental Services, Inc. (GES) oversaw the removal of one 550-gallon UST and one 2,000-gallon UST from Lot 4 in July 1992. The tanks were replaced with a new 550-gallon UST. During the tank removal activities, groundwater was encountered at approximately 8.5 feet bgs and a sheen was visible on the water surface. GES notified NYSDEC and Spill No. 9205095 was assigned to the Site. A total of 46 tons of petroleum-impacted soil was removed from the Site. Upon completion of the tank removal, GES collected a total of four post-excavation endpoint samples from the

sidewalls of the excavation, above the water table. The samples were analyzed for total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, and xylenes (collectively referred to as BTEX). TPH concentrations were detected up to 1,654 parts per million (ppm) and total BTEX was detected up to 20.4 ppm.

Underground Storage Tank Closure Report – Merit Oil of New York, Inc., Merit Bruckner Gasoline Station, 126-128 Bruckner Boulevard, Bronx, New York, Leggette, Brashears, & Graham, Inc., July 1995

Leggette, Brashears, & Graham, Inc. (LBG) was retained to oversee the removal of four 4,000-gallon gasoline USTs, two 2,000-gallon gasoline USTs, 36 previously abandoned 550-gallon gasoline USTs, and one 550-gallon waste-water UST at the Site.

During removal of the 4,000-gallon and 2,000-gallon USTs, the tank contents were pumped out and the tanks were subsequently cleaned. Soil within the tank grave was reported to have a gasoline-like odor; however, no free product was detected. All excavated soil was stockpiled on and covered with plastic sheeting for off-site disposal. A total of 20 soil samples were collected for laboratory analysis from the base of the excavation area.

LBG also oversaw the removal of product dispenser islands and associated piping connected to the 4,000-gallon and 2,000-gallon USTs. One post-excavation sample was collected for laboratory analysis from beneath each dispenser island for a total of four samples.

The thirty-six 550-gallon USTs were observed to be previously filled with water. The water was pumped out from each tank and disposed of off-site. A total of 35 post-excavation samples were collected at the base of the excavation beneath the thirty-six USTs. A gasoline-like odor was noted in the surrounding soil at various locations; however, no free product was reported.

Laboratory analytical results of the post-excavation samples indicated elevated concentrations of methyl tertiary-butyl ether (MTBE) (up to 260 ppm) and BTEX (up to 832 ppm). The highest concentrations were detected in samples collected beneath the 550-gallon USTs, previously located in the central portion of the Site.

Additional Subsurface Investigation – Merit "Bruckner" Gasoline Station, 126-128 Bruckner Boulevard, Bronx, New York, Leggette, Brashears, & Graham, Inc., January 1998

LBG conducted two investigations at the Site in May 1996 and June 1997. The investigations included the installation of 14 soil borings and three monitor/vapor extraction wells. Groundwater beneath the Site was encountered at approximately 7 to 11 feet bgs and flowing in a northeasterly direction.

Based on the soil analytical results, petroleum-related compounds including BTEX was detected in the soil samples at concentrations up to 217.71 ppm. Groundwater analytical results indicated that BTEX was detected at concentrations up to 8,801 micrograms per liter (µg/L). MTBE was detected in groundwater samples at concentrations up to 15,300 µg/L. No free-phase product was detected in any of the monitoring wells.

LBG recommended that a Remedial Investigation Work Plan (RIWP) be prepared for the Site and that quarterly groundwater monitoring be conducted.

Subsurface Investigation – Merit Bruckner Gasoline Station, 126-128 Bruckner Boulevard, Bronx, New York, Leggette, Brashears, & Graham, Inc., January 2000

In June 1998, 7 soil borings were advanced across Lot 4. Free-phase product was detected in two monitor/vapor extraction wells and all seven borings. LBG recommended that a sample of the free product be collected and submitted to a laboratory for fingerprint analysis.

Monitoring Well Installation Report – Hess Station #32506, 126 Bruckner Boulevard, Bronx, New York, Geologic Services Corporation, August 2002

Geologic Services Corporation (GSC) oversaw the installation of two permanent groundwater monitoring wells as part of an ongoing subsurface investigation at Lot 4. During well installation, groundwater was encountered at approximately 9 to 10 feet bgs. Soil samples collected from above the water table, indicated elevated levels of VOCs, including BTEX, naphthalene, n-butylbenzene, and 1,2,4-trimethylbenzene. Groundwater samples were not reported.

Remedial Action Plan – Hess Station #32506, 126-128 Bruckner Boulevard, Bronx, New York, EnviroTrac, Ltd., August 2010

EnviroTrac Ltd. (EnviroTrac) prepared a Remedial Action Plan (RAP) for the Site to address Spill No. 9405017. The RAP included pilot testing for a soil vapor extractor (SVE) system. Based on the previous site characterization sampling, groundwater sampling, and the SVE pilot testing, EnviroTrac determined that adsorbed and dissolved hydrocarbon impacts were present at the Site. EnviroTrac recommended that remedial measures, such as an SVE system and air sparging be conducted to remediate the Site, and that quarterly groundwater and air effluent monitoring would be conducted.

UST Closure Report – Hess Station #32506, 126-128 Bruckner Boulevard, Bronx, New York, EnviroTrac, Ltd., February 2011

EnviroTrac documented the removal of one 550-gallon wastewater UST. The tank contents were pumped and the tank was cleaned prior to being disposed of off-site. Soil beneath the tanks was excavated down to approximately 8 to 12 feet bgs, and post-excavation samples were collected from three of the sidewalls and from the base of the excavation. The samples were analyzed for COCs and SVOCs. The laboratory analytical results indicated that only minor levels of the VOCs isopropylbenzene and n-propylbenzene were detected in one sample. Low levels of select SVOCs were detected in three of the four samples. EnviroTrac indicated that Site conditions would continue to be monitored under Spill No. 9405017 and an SVE/air sparge system was scheduled to be operational by spring 2011.

Quarterly Groundwater Monitoring Reports – Speedway #7811/Hess Station #32506, 126-128 Bruckner Boulevard, Bronx, NY, EnviroTrac, Ltd. and Spill Closure

EnviroTrac issued several reports documenting quarterly groundwater sampling events between 2009 and 2014. During each event, groundwater samples were collected from 13 on-site monitoring wells and analyzed for BTEX and MTBE.

EnviroTrac submitted a separate spill closure request letter to NYSDEC, dated March 2015. EnviroTrac indicated that concentrations of BTEX decreased by approximately 99.82% and concentrations of MTBE decreased by approximately 99.85%. Remediation efforts that were performed at the Site including source soil excavation, injection of oxygen release compound (ORC), and installation of an SVE/air sparge system.

In a letter dated March 2016, NYSDEC closed Spill No. 9405017 based on the data reported to date. NYSDEC indicated that all monitoring wells should be properly decommissioned. If any subsurface contamination is encountered during future redevelopment of the Site, it must be properly remediated and vapor mitigations efforts must be taken to prevent vapor intrusion concerns.

Phase I Environmental Site Assessment, 126 Bruckner Boulevard, Bronx, NY, AKRF, Inc., August 2019.

AKRF performed a Phase I Environmental Site Assessment (ESA) in August 2019 for Lot 4 (126 Bruckner Boulevard) in accordance with the American Society for Testing and Materials (ASTM) Standard E1527-13 and the United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) rule. AKRF's Phase I ESA included and summarized the previous assessments and investigations noted, above, and incorporated the results of the previous documentation associated with Lot 4 into the findings. The findings in the Phase I ESA are as follows:

- Lot 4 consists of an active gasoline filling station and is listed on multiple regulatory agency databases including the Resource Conservation and Recovery Information System (RCRIS), NY SPILLS, MANIFEST, Petroleum Bulk Storage List of Underground Storage Tanks (PBS-UST), E-Designation and Leaking Underground Storage Tanks (LTANKS).
- Lot 4 is listed in the NYSDEC database with 3 closed petroleum spills (Spill Nos. 8606553, 9205097 and 9405017). The spill cases documented evidence of soil and groundwater impacts to Lot 4 which required long-term remediation and monitoring, including tank removal, soil excavation, installation of a soil vapor extraction/air sparge system, and groundwater monitoring. The spills achieved regulatory closure; however, residual contamination remains likely at Lot 4. NYSDEC indicated future redevelopment at Lot 4 would require vapor mitigation to mitigate vapor intrusion concerns.
- Lot 4 is listed in the NYSDEC Petroleum Bulk Storage (PBS) database under Facility ID 2-297658 with two closed-removed 550-gallon USTs (product not specified), one closed-removed 600-gallon UST (product not specified), 36 closed in-place 550-gallon gasoline USTs, two closed-removed 2,000-gallon gasoline USTs, one closed-removed 2,000-gallon No. 2 fuel oil UST, four closed-removed 4,000-gallon gasoline USTs, and five in-service 4,000-gallon gasoline/ethanol USTs. The two 2,000-gallon and four 4,000-gallon gasoline USTs were reportedly removed in 1994, and a 550-gallon waste water tank was reportedly removed in 2010. Based on a review of previous reports provided included in the Phase I ESA, the 36 closed in-place 550-gallon gasoline USTs were removed from Lot 4 between 1994 and 1995 under the oversight of LBG.
- Historical Sanborn maps and the regulatory database information identified the Property uses to have included a machine shop, manufacturing, welding, and filling station.
- Historical Sanborn maps and the regulatory database information identified numerous industrial and automotive uses in the surrounding area. Such uses with the potential to affect subsurface conditions beneath the Property included a locomotive repair shop, garages with gasoline tanks, auto repair shops, gasoline stations, machine

shops, sheet metal works, iron works, Gassman Coal and Oil Co., and Fireproof Products Co. Inc.

- Lot 4 is mapped with a hazardous material E-Designation (E-143) in the 2005 Port Morris/ Bruckner Boulevard Rezoning, which requires that redevelopment of the parcel includes investigation, and, if applicable remediation, under the oversight of OER.
- The origin of fill material at the Site is unknown. Based on the age of the current and historical Site structures, suspect asbestos-containing materials (ACM) lead-based paint (LBP) may be present within subsurface fill material. Fluorescent lighting fixtures, electrical equipment, and caulking may contain polychlorinated biphenyls (PCBs). No evidence of leaks or stains from such equipment was observed.

Subsurface (Phase II) Investigation Report, 126 Bruckner Boulevard, Bronx, NY, AKRF, Inc., October 2019

AKRF conducted a Subsurface (Phase II) Investigation at Lot 4 in October 2019. The investigation included: a geophysical investigation to scan the subsurface for potential tanks, utilities or other potential obstructions near proposed boring location, the installation of 12 soil borings with the collection and analysis of 15 soil samples; the installation of two temporary groundwater monitoring wells with the collection of two groundwater samples; and the installation of 4 temporary soil vapor probes with the collection and analysis of 4 soil vapor samples and 1 ambient air sample.

Soil sample results were compared to 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs). A summary of soil sample results is provided as follows:

- VOCs were not detected above their RRSCOs in any of the soil samples. Benzene was detected above its UUSCO of 0.06 mg/kg but below its RRSCO of 4.9 mg/kg in SB-01_9-11_20191004 and SB-03_13.5-15.5_20191004 at 0.83 mg/kg and 0.19 mg/kg, respectively. Toluene was detected above its UUSCO of 0.7 mg/kg but below its RRSCO of 100 mg/kg in SB-02_9-11_20191004 at a concentration of 1.1 mg/kg. Benzene and toluene are petroleum-related compounds, which are likely related to historical operations or current gasoline filling station operations at the Site.
- SVOCs were not detected above applicable standards in any of the soil samples.
- Six metals (arsenic, barium, cadmium, lead, selenium, and mercury) were detected at concentrations exceeding UUSCOs in at least one sample. Lead and mercury were also detected at concentrations exceeding their respective RRSCOs. Lead exceeded its RRSCO of 400 mg/kg in six soil samples, with a maximum concentration of 2,000 mg/kg in SB-08_0-2_20191004. Mercury exceeded its RRSCO of 0.81 mg/kg in four soil samples, with a maximum concentration of 1.2 mg/kg. These metal detections are likely related to historic filling and/or historic operations at the Site.
- 4,4-DDT was detected above its UUSCO of 0.0033 mg/kg but below its RRSCO of 7.9 mg/kg in SB-04_0-4_20191002 and SB-02_0-4.5_20191003 at 0.0048 mg/kg and 0.0060 mg/kg, respectively. These pesticide detections are likely attributable to the historical fill material observed in the soil borings, and not to a release or other source area.

A summary of the analytical results for groundwater samples based on a comparison to the NYSDEC Class GA AWQS is as follows:

- Benzene was detected above its AWQS of 1 µg/L in both TW-01_20191004 and TW-03_20191004, at 4.8 µg/L and 90 µg/L, respectively. Isopropylbenzene was detected above its AWQS of 5 µg/L in both TW-01_20191004 and TW-03_20191004, at 42 µg/L and 49 µg/L, respectively. MTBE was detected above its AWQS of 10 µg/L in both TW-01_20191004 and TW-03_20191004, at 41 µg/L and 21 µg/L, respectively. Ethylbenzene was detected above its AWQS of 5 µg/L in TW-03_20191004 at a concentration of 420 µg/L. Xylene was detected above its AWQS of 5 µg/L in TW-03_20191004 at a concentration of 600 µg/L. Toluene was detected above its AWQS of 5 µg/L in TW-03_20191004 at a concentration of 270 µg/L. These exceedances are petroleum-related compounds, which are likely related to historical operations and/or current gasoline filling station operations at the Site.
- SVOCs were not detected above applicable standards in any of the groundwater samples.

A summary of the analytical results for soil vapor samples is as follows:

- VOCs associated with petroleum [including BTEX, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-butadiene, 1,3-dichlorobenzene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, benzyl chloride, cymene, isopropanol, isopropylbenzene, n-butylbenzene, n-heptane, n-hexane, n-propylbenzene, sec-butylbenzene, and styrene] were detected at individual concentrations up to 380 micrograms per cubic meter (µg/m^3) (xylene). Solvent-related VOCs [including 1,1,1-trichloroethane (1,1,1-TCA), 1,1,2-trichloro-1,2,2-trifluoroethane, acetone, carbon disulfide, carbon tetrachloride, chloroform, chloromethane, cis-1,2-dichloroethylene (cis-1,2-DCE), cyclohexane, dichlorodifluoromethane, methyl ethyl ketone (MEK), methyl isobutyl ketone, methylene chloride, tert-butyl alcohol, tert-butyl methyl ether, trichlorofluoromethane, PCE, and TCE] were detected at individual concentrations up to 630 µg/m^3 (chloroform).

2.2.2 122 Bruckner Boulevard (Lot 1)

Phase I Environmental Site Assessment, 122 Bruckner Boulevard, Bronx, NY, Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C., August 15, 2018

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) performed a Phase I ESA in August 2018 for Lot 1 (122 Bruckner Boulevard) in accordance with the ASTM Standard E1527-13 and USEPA AAI rule. The findings of the Phase I ESA included the following:

- At the time of Phase I ESA preparation, Lot 1 was occupied by Upright Hoisting and was used as a staging lot for hoisting materials and equipment elevators, motors, scaffolding) and construction tools and vehicles. Numerous open chemical storage containers, a poorly maintained paint spray booth and generally poor housekeeping was observed at the time. Red paint spills/splatters were visible on concrete paving throughout the parcel. Concrete and asphalt were similarly observed to be in poor condition. Historical use of the parcel included former railroad spurs, a former machine/repair shop, a former blacksmith's shop, and a former garage with at least two 250-gallon USTs.

- The site was identified on the PBS database under the name 220 East Realty, Inc. (ID No. 14069) at the address 511-517 East 132nd Street (which are alternate addresses for Lot 1). Langan was unable to determine if the petroleum storage tanks registered under this listing was associated with Lot 1 or the eastern adjacent parcel (Lot 34; 517 East 132nd Street). The following tanks were registered under this listing:
  - Two 250-gallon gasoline USTs which were also noted on Sanborn maps from 1925 to 1946;
  - One gasoline tank with an unknown capacity, which was also noted on Sanborn maps from 1947 to 1984;
  - Two 550-gallon No. 2 fuel oil USTs, one closed-in-place on July 1, 1994 and one closed-in-place on an unknown date;
  - One 3,000-gallon diesel UST close-in-place on an unknown date; and
  - Two 3,000-gallon No. 2 fuel oil USTs closed and removed on an unknown date.
- Lot 1 was also identified on the NYSPILLS database under the facility name "Former Gassman Fuel Company." According to spill case notes, soil contamination was observed in association with the excavation of three USTs. Subsequent soil and groundwater investigations identified VOC and SVOC contamination. No remediation was conducted in association with this spill case, and the spill was closed in 2015 based on the determination that contamination was minimal and not a threat to the public or the environment. It was similarly determined that the adjacent gasoline filling station (Lot 4 of the Site) was not adversely impacting subsurface conditions on Lot 1.[1]
- Adjoining and surrounding parcels include filling stations, metalworks, auto repair facilities/garages, burlap and paper bag manufacturer, a fireproof products company, and sheet metal works. A railroad yard with locomotive house was present to the south across East 132nd Street. Further, multiple adjacent PBS facilities were identified ad adjacent parcels and six closed NYSDEC spill incidents were identified within 400 feet of the parcel.

2.2.3 517-519 East 132nd Street (Lot 38)

Phase I Environmental Site Assessment, 517-519 East 132nd Street, Bronx, NY, Team Environmental Consultants, Inc., November 15, 2021.

Team prepared a Phase I ESA in November 2021 for Lot 38. The findings of the Phase I ESA included the following:

- At the time of Phase I ESA preparation, Lot 38 was improved with the existing partially-occupied three story slab-on-grade steel frame commercial structure constructed circa 1900. The ground floor was improved with the existing motorcycle service and repair shop and contained an office area, open repair shop, equipment and supply storage sections, motorcycle storage space and utility services. The unoccupied upper floors were accessed from a freight elevator formerly contained warehouse space and a privately-operated radio station and offices.

[1] It should be noted that this spill incident was determined to be located on Lot 34, which is summarized further summarized in its respective section of this RIR.

- No previous subsurface investigations or known environmental conditions were identified on Lot 38 as part of the Phase I ESA preparation. However, the Phase I ESA indicated the presence of containerized lubrication and servicing fluids, a 275-gallon waste oil AST, servicing equipment and assorted tools and supplies.

2.2.4 521-529 East 132nd Street (Lot 34)

New York State Department of Environmental Conservation Spill Case 0101831, Former Gassman Fuel Co.

This spill incident was reported on May 17, 2001 on the northern portions of Lot 34 when contamination was found in the area of two tanks being removed and one abandoned-on-place. One endpoint soil sample was collected from the tank grave from the associated tank pull. Samples indicated benzene was detected at 120 parts per billion (ppb). Two groundwater samples in the vicinity of the tank in 2002 indicated benzene was detected at 11.8 ppb and methyl tert butyl ether (MTBE) detected at 26.8 ppb. Additional soil and groundwater samples collected in 2002 indicate contamination from the previously removed and abandoned-in-place USTs but the size and location of the plum is not clear due to a lack of cleanup plan. In 2007, a Work Plan was prepared by P.W. Grosser Consulting (PWG) and was submitted to, and was subsequently approved by the NYSDEC for the installation of four soil borings and three monitoring wells within the former tank locations. A Soil and Groundwater Delineation report issued to the NYSDEC indicated four monitoring wells were installed, and groundwater flow was to the northeast. VOCs and SVOCs were detected in soils above applicable standards. Low level VOCs and SVOCs were also detected in groundwater. MTBE was present at 100 ppb in one monitoring well; however, there is no record of gasoline tanks on Lot 34. Based upon the data, NYSDEC required quarterly groundwater sampling and reporting. After reviewing quarterly monitoring data, NYSDEC required a Remedial Action Plan (RAP) be prepared in 2010 to address soil and groundwater impacts. PWG prepared a RAP and subsequent RAP Addendum outlining plans for excavation of contaminated soil and the application of Oxygen Release Compound (ORC) to the excavation. The RAP and RAP Addendum was subsequently reviewed and approved by the NYSDEC on August 26, 2010 with post-excavation quarterly groundwater monitoring planned.

It should be noted the RAP and RAP Addendum was never implemented by PWG in association with the spill incident. However, based upon the data collected to date, NYSDEC determined soil and groundwater contamination was minimal and not a threat to the public or the environment. Further, NYSDEC determined that the adjacent gasoline filling station (Lot 4) was not significant impacting conditions beneath Lot 34. As such, NYSDEC issued a letter of no further action on October 7, 2015 without implementation of the approved RAP and RAP Addendum.

Phase I Environmental Site Assessment, 521-529 East 132nd Street, Bronx, NY, Team Environmental Consultants, Inc., November 15, 2021.

Team prepared a Phase I ESA in November 2021 for Lot 34. The findings of the Phase I ESA included the following:

- At the time of Phase I ESA preparation, Lot 34 was improved with the 2 one-story (both slab-on-grade) buildings constructed circa 1930. The southeasternmost structure (now vacant) was occupied by Fred Smith Plumbing for the storage of water filtration system equipment and supplies. The northwesternmost building was

occupied by Sparkz Iron Works and was (and is presently) utilized for metal product fabrication work.

- No RECs associated with Lot 34 were identified.

Each of the above assessments and investigations are included in Appendix A of this RIR.

2.3 Site Inspection

Site inspections were performed for each of the previous assessments and investigations by AKRF. The inspections were performed under the direction of the Qualified Environmental Professional (QEP). During the various inspections, all areas of the Site were accessible and/or visually inspected.

2.4 Areas of Concern

Based on previous environmental assessments and investigations performed at the Site, the following areas of concern (AOCs) were identified:

- Historical uses on Lot 1 include two railroad spurs, machine and blacksmith shops and the previous Gassman Coal & Oil Co. that occupied the parcel. Prior to its current use as a staging area for local grocery delivery service, Lot 1 was most recently occupied by Upright Hoisting. Poor housekeeping practices (i.e., open chemical storage containers, poorly maintained spray paint booth, and paint spills/spatters on pavement) were documented in connection with this former use. Historic Sanborn maps also indicate the presence of gasoline USTs on this parcel. Historic usage and the potential presence of abandoned gasoline USTs could have affected subsurface conditions on Lot 1.
- Historical Site uses on Lot 4 include a gasoline filling station, a wagon works (converted to machine shop and manufacturing), welding operations and blacksmith shop.
- Lot 4 is registered on the NYSDEC Petroleum Bulk Storage (PBS) Program under Facility ID 2-297658 with two closed-removed 550-gallon USTs (product not specified), one closed-removed 600-gallon UST (product not specified), 36 closed in-place 550-gallon gasoline USTs, two closed-removed 2,000-gallon gasoline USTs, one closed-removed 2,000-gallon No. 2 fuel oil UST, four closed-removed 4,000-gallon gasoline USTs, and five in-service 4,000-gallon gasoline/ethanol USTs. The two 2,000-gallon and four 4,000-gallon gasoline USTs were reportedly removed in 1994, and a 550-gallon wastewater tank was reportedly removed in 2010. The 36 closed in-place 550-gallon gasoline USTs were removed from Lot 4 between 1994 and 1995.
- Three closed NYSDEC petroleum spills were identified on Lot 4 associated with gasoline filling station operations (Spill Nos. 8606553, 9205097, and 9405017). The spill cases documented evidence of soil and groundwater impacts to Lot 4, which required long-term remediation and monitoring, including tank removal, soil excavation and the installation of a SVE/air sparge system, and groundwater monitoring. Although the spills achieved regulatory closure, residual contamination likely remains on Lot 4. NYSDEC indicated any future redevelopment of the Site would require vapor mitigation to mitigate vapor intrusion concerns.
- Historic operations on Lot 34 include previous structures of unknown use, and occupation by Gassman Coal & Oil Co. Further, residual contamination may be present in soil and groundwater associated with NYSDEC Spill 01-01831 that was closed without remedial action. The spill incident was attributed to soil contamination associated with removal of two USTs and one abandoned-in-place UST. Soil samples collected from the removed tank grave indicated benzene

and MTBE at elevated concentrations. Additional soil and groundwater sampling within the location of the former tanks revealed VOCs and SVOCs above standards in soil and low-level VOCs and SVOCs in groundwater. NYSDEC required quarterly groundwater monitoring which Further soil and groundwater sampling conducted Quarterly groundwater monitoring was required for the spill incident and a cleanup plan. A RAP and subsequent RAP Addendum outlining plans for excavation of contaminated soil and the application of ORC to the excavation. Although the RAP and RAP Addendum was reviewed and approved by the NYSDEC, cleanup was never implemented on Lot 34. Further, although NYSDEC closed the spill incident by determining soil and groundwater contamination was minimal and not a threat to the public or the environment, residual contamination may still exist on Lot 34.

- Historic operations on Lot 38 include occupation by Gassman Coal & Oil Co. Current uses include a motorcycle repair shop which could affect subsurface conditions on Lot 38.

Previous assessments and investigations are included in Appendix A.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Stephen Malinowski. Mr. Malinowski also serves as the Quality Assurance Officer. The Project Manager is Bryan Murty.

3.2 Health and Safety

All work described in this RIR performed by AKRF was conducted in full compliance with applicable laws and regulations, site-specific Health and Safety Plans (HASPs), Occupation Safety and Health Administration (OSHA) worker safety requirements, and Hazardous Waste Operations and Emergency Response (HAZWOPER) requirements.

3.3 Materials Management

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

4.0 REMEDIAL INVESTIGATION ACTIVITIES

AKRF performed the following scope of work at the Site on behalf of 122 Bruckner Partners LLC, 122 Bruckner Development LLC and 126 Bruckner Owner LLC:

11. Conducted geophysical investigations across accessible portions of the Site to clear the proposed boring locations for subsurface utilities, locate the presence of any USTs, and locate other potential buried structures;
12. Installed 24 soil borings across the Site and collected 50 soil samples for laboratory analysis to evaluate soil quality;
13. Installed 6 temporary groundwater monitoring wells and collected a sample from each well for laboratory analysis to evaluate groundwater quality; and
14. Installed 9 soil vapor probes and collected 9 soil vapor samples for chemical analysis. One ambient outdoor air sample were also collected.

4.1 Geophysical Investigation

On September 5, 2019, a geophysical survey was conducted by Enviroprobe Service, Inc. on Lot 4. During the geophysical survey, linear anomalies consistent with subsurface utilities (including communications, electric, storm water, fuel piping, sanitary and unknown utilities) were marked out with spray paint prior to drilling and boring locations were adjusted accordingly.

On July 7, 2022, a geophysical survey was conducted by GeoScan LLC on Lots 1, 34 and 38. During the geophysical survey, no subsurface anomalies were identified that could be indicative of USTs. Piping, sanitary, stormwater (on Lot 1) among other subgrade features were marked with spray paint prior to drilling. Boring locations were offset accordingly to avoid these features.

The Geophysical Survey Reports are provided Appendix B of this RIR. Significant Site features are shown on Figure 2.

4.2 Borings and Monitoring Wells

4.2.1 Drilling and Soil Logging

Between October 1 and 4, 2019, 12 soil borings were advanced on Lot 4, and on July 7-8, 2022, 12 additional soil borings were advanced on Lots 1, 34 and 38 using a mobile Geoprobe® Direct-Push Probe (DPP) drill rig. The boring locations are shown on Figure 2. These locations were selected to obtain a representative sampling of the Site. Utility mark outs were requested from the NYC/Long Island One Call Center prior to the commencement of drilling.

Soil borings were advanced across the Site to depths ranging from 1.5 to 25 feet below grade. On Lot 4, soil boring SB-01 was advanced to 16 feet bg, SB-02 and SB-04 to 4 feet bg, SB-03 to 25 feet bg, SB-05 to 5 feet bg, and SB-06 through SB-12 to two feet bg. Borings were advanced deeper at SB-01 and SB-03 to facilitate installation of temporary groundwater monitoring wells. On Lots 1, 34 and 38, soil borings SB-01, SB-02, SB-03, SB-04, SB-06, SB-08, and SB-11 were advanced to 10 feet bg. Soil borings SB-05, SB-07, SB-09, SB-10 and SB-12 were advanced to 8 feet bg. Temporary groundwater monitoring wells were installed in SB-03, SB-04, SB-06, SB-08 and SB-11. It should be noted that SB-06 and the associated temporary groundwater monitoring well and soil vapor probe (as later discussed) were installed within the area of closed NYSDEC Spill 0101831 to investigate potential residual contamination.

Soil cores were obtained in a stainless steel, macro-core sampler with an internal disposable acetate liner.

At each boring, AKRF field personnel prepared NYSDEC Technical Guide 10 (DER-10)-compliant boring logs and evaluated the soil cores for visual and olfactory impacts prior to collecting environmental samples. Soil cores were also screened with a PID, which measures relative concentrations of VOCs in the soil. The PID was calibrated at the beginning of the field day with 100 ppm isobutylene standard gas. All field work was recorded in a field log.

Up to three discrete (grab) samples were selected for laboratory analysis from each of the borings: with one soil sample at each location collected from the surficial (shallow) horizon. For borings advanced deeper than 4 feet bg, a second deeper soil sample was collected for laboratory analysis. A third soil sample was also collected at certain deeper soil boring locations based upon site history and the temporary groundwater monitoring well locations.

Soil boring locations are shown on Figure 2. Soil boring logs are included in Appendix C.

4.2.2 Groundwater Monitoring Well Construction

Two temporary groundwater (TW-01 and TW-03) monitoring wells were installed on Lot 4 between October 1 and 4, 2019, and 5 temporary groundwater monitoring wells (TW-01 through TW-05) were installed on Lots 1, 34 and 38 on July 7-8, 2022 for the collection of groundwater samples. The temporary wells were installed to approximately 3-to-4 feet below the groundwater table with a 10-foot 0.020-inch slotted screen and up to 20 feet pf PVC riser, and J-plug. The seven temporary wells were developed via pumping and surging using new polyethylene tubing and a peristaltic pump. The wells were purged of three times their volume prior to sampling using the pump and dedicated polyethylene tubing. The samples were field screened for evidence of contamination (i.e., PID, odor, or sheen). The monitoring wells were gauged with an oil/water interface meter prior to sampling to record a depth to groundwater reading (1/100 foot).

The locations of the temporary groundwater wells are shown on Figure 2. Temporary groundwater well information is included in Appendix C.

4.2.3 Soil Vapor Probe Installation

Four soil vapor probes were installed on Lot 4 between October 1 and 4, 2019. Five soil vapor probes were installed on July 7-8, 2022 on Lots 1, 34 and 38. On Lot 4, one soil vapor probe, SV-02, was installed at a depth of 4.5 feet bg; SV-03 and SV-05 installed at a depth of 5 feet bg, and SV-03 installed at a depth of 4 feet bg. On Lots 1, 34 and 38, 2 soil vapor probes (SV-01 and SV-02) were installed at a depth of 2 feet (24 inches) below the building slabs, with the remaining soil vapor probes in areas without structures (SV-03, SV-04 and SV-05) were installed at a depth of 6 feet (72 inches) below grade. The soil vapor sampling points were installed using a DPP drill rig and fitted with an expendable six-inch long stainless-steel screened drive point. Soil vapor probe depths were selected based upon field conditions (i.e., observed depth-to-groundwater and to obtain representative soil vapor data at the Site). Dedicated Teflon-lined polyethylene tubing with threaded fittings was connected to the stainless steel probe. The borings were backfilled with clean silica sand. Hydrated bentonite was used to fill the remaining void around the sampling tubing to the ground surface. The locations of the soil vapor

sampling points are shown on Figure 2. Soil vapor sampling logs are attached as Appendix D.

4.2.4 Water Level Measurement

Groundwater levels were recorded from the seven temporary groundwater monitoring wells using a Solinist® 122 oil/water interface probe. Gauging measurements were taken from the northern side of the PVC riser. No floating petroleum products were measured in any of the wells. The water level data is presented in the table below.

Site Lot#	Well Number	Depth to Water (in Feet)	Total Boring Depth (in feet)
Lot 4	TW-01	7.64	18.00
Lot 4	TW-03	7.15	16.00
Lot 1	TW-01	5.31	10
Lot 1	TW-02	5.20	10
Lot 34	TW-03	6.31	10
Lot 34	TW-04	5.56	10
Lots 38	TW-05	5.90	10

4.3 Sample Collection and Chemical Analysis

Sampling performed during the field investigations was conducted for the AOCs and also considered other means for bias of sampling based on Site history, field instrument measurements, odors, or other field indicators, and future redevelopment plans. All media including soil, groundwater, and soil vapor have been sampled and evaluated in the RIR. Discrete (grab) samples have been used for final delineation of the nature and extent of contamination and to determine the impact of contaminants on public health and the environment. The sampling performed and presented in this RIR provides sufficient basis for evaluation of remedial action alternatives, establishment of a qualitative human health exposure assessment, and selection of a final remedy.

4.3.1 Soil Sampling

Fifteen soil samples were collected between October 1 and 4, 2019 on Lot 4, and 35 soil samples were collected on Lots 1, 34 and 38 between July 7 and 8, 2022, for a total of 50 soil samples collected for laboratory analysis. Up to three soil samples were collected from each boring for laboratory analysis. A surface soil sample was collected from each soil boring location. Based upon the final depth of the soil boring, deeper soil samples (at the terminal boring depth) were collected at certain locations across the Site. Further, a third soil sample was also collected in certain deeper soil borings to evaluate subsurface conditions. Petroleum-like odors and PID detections up to 90.9 ppm were observed in soil borings SB-01 and SB-03 on Lot 4. Further, petroleum-like odors and PID detections up to 204.8 ppm were similarly observed in several soil borings on Lots 1, 34 and 38. No visual evidence of gross contamination (i.e., free product or petroleum sheens) was observed during the RI.

Sample containers were labeled and placed in ice-filled coolers and shipped to the laboratory via courier with appropriate chain-of-custody documentation.

Soil samples collected from Lot 4 were submitted to Eurofins-TestAmerica Laboratory of Edison, New Jersey (Eurofins), a New York State Department of Health (NYSDOH)-

certified laboratory for analysis of VOCs by United States Environmental Protection Agency (EPA) Method 8260, SVOCs by EPA Method 8270, pesticides by EPA Method 8081, and Resource Conservation and Recovery Act (RCRA) Metals by EPA Method 6020B and Mercury by EPA Method 7471B. One trip blank was included with the sample shipments each day and submitted to Eurofins for VOC analysis for QA/QC purposes.

Soil samples collected from Lots 1, 34 and 38 were submitted to Eurofins for analysis of VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBs by EPA Method 8082, and TAL metals (including hexavalent chromium) by EPA Method 6000/7000 series.

All sampling equipment was either dedicated or decontaminated between sampling locations.

Data on soil sample collection for chemical analyses, including dates of collection and sample depths associated with Lots 1, 34 and 38 are reported in Tables 1 through 5, and in Tables 12 through 16 for Lot 4. Soil boring logs are included in Appendix C.

4.3.2 Groundwater Sampling

Groundwater samples were collected from the two temporary monitoring wells on Lot 4 between October 1 and 4, 2019. Groundwater samples were collected from the five temporary monitoring wells between July 7 and 8, 2022 on Lots 1, 34 and 38. Sample containers were labeled and placed in an ice-filled cooler and shipped to the laboratory via courier with appropriate chain-of-custody documentation.

Groundwater samples associated with Lot 4 were analyzed by Eurofins for VOCs using EPA Method 8260 and SVOCs using EPA Method 8270. One trip blank was included with the sample shipment and submitted to Eurofins for VOC analysis for QA/QC purposes.

Groundwater samples associated with Lots 1, 34 and 38 were analyzed by Eurofins for VOCs using EPA Method 8260, SVOCs using EPA Method 8270, pesticides using EPA Method 8081, PCBs using EPA Method 8082, and TAL metals (for unfiltered and filtered concentrations [a.k.a. total and dissolved concentrations, respectively]) by EPA Method 6000/7000 series.

Groundwater sample collection data for Lots 1, 34 and 38 is reported in Tables 6 through 11, and on Tables 17 and 18 for Lot 4. Temporary groundwater well information in included in Appendix C. Figure 2 shows the locations of samples collected during this investigation.

4.3.3 Soil Vapor Sampling

Nine soil vapor probes were installed and soil vapor samples were collected at each location for laboratory analysis. Methodologies used for soil vapor assessment conformed to the *NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006*, updated May 2017.

Between October 1 and 4, 2019, four soil vapor points were sampled on Lot 4 as part of AKRF's previous investigation activities. In addition, five soil vapor points were sampled on Lots 1, 34 and 38 between July 7 and 8, 2022. Prior to collection, each sampling point was purged of at least three sample volumes using a GilAir Plus air sampling pump at a flow rate of approximately 0.2 liter/minute. During purging, a helium shroud was placed

over each sampling point and helium gas was introduced through brass fitting ports in the shroud to saturate the atmosphere around the sample port. Purged vapors were collected in a Tedlar® bag and field-screened for organic vapors using a PID. The purged air was also monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor sampling point. All soil vapor points were found to pass the required seal integrity tests. PID readings were recorded at all soil vapor locations ranging from 1.6 to 9.3 ppm.

After purging, each probe was connected via Teflon-lined polyethylene tubing to a laboratory-supplied, batch-certified 6-liter SUMMA® canister equipped with a flow regulator set to collect a sample over two hours. Immediately after opening the flow control valve, the initial canister vacuum (inches of mercury) was noted. After approximately two hours, the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to Eurofins for analysis of VOCs via EPA Method TO-15. Each canister was labeled to identify the sample ID, date, time, and vacuum readings. The identification numbers for both the canister and flow controller were noted on the chain-of-custody documentation and the samples were transported by courier directly to Eurofins's laboratory.

Soil vapor sample collection data associated with Lots 1, 34 and 38 is reported in Table 12, and on Table 19 for Lot 4. Soil vapor sampling logs are included in Appendix D. Methodologies used for soil vapor assessment conformed to the *NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006*, updated May 2017.

4.3.4 Chemical Analysis

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

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance is directed by Stephen Malinowski.
Chemical Analytical Laboratory	The chemical analytical laboratory used for samples in AKRF's previous investigations is NYSDOH ELAP-certified Eurofins TestAmerica Laboratories, Inc. of Edison, New Jersey (soil and groundwater samples) and South Burlington, VT (soil vapor samples).

Factor	Description
Chemical Analytical Methods	Soil analytical methods: • VOCs by EPA Method 8260C (rev. 2006); • SVOCs (including 1,4-dioxane) by EPA Method 8270D (rev. 2007); • PCBs by EPA Method 8082A (rev. 2000) (Lots 1, 34 and 38 only); • Pesticides by EPA Method 8081B (rev. 2000); • TAL Metals (including hexavalent chromium) by EPA Method 6010C (rev. 2007) (Lots 1, 34 and 38 only); and • RCRA Metals by EPA Method 6020B, Mercury by EPA Method 7471B (Lot 4 only). Groundwater analytical methods: • VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • PCBs by EPA Method 8082A (rev. 2000) (Lots 1, 34 and 38 only); • Pesticides by EPA Method 8081B (rev. 2000) (Lots 1, 34 and 38 only); and • TAL Metals by EPA Method 6010C (rev. 2007) (filtered and unfiltered) (Lots 1, 34 and 38 only); Soil vapor analytical methods: • VOCs by EPA Method TO-15

4.3.5 Results of Chemical Analyses

Laboratory data for soil, groundwater, and soil vapor is summarized in Section 5.0 – Environmental Evaluation. Laboratory data deliverables for all samples evaluated in this RIR are provided in digital form in Appendix E.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

The topography of the area is generally level. The Site lies approximately 12 to 18 feet above the North American Vertical Datum of 1929 (an approximation of mean sea level).

5.1.1 Stratigraphy

Stratigraphy at the Site consists of up to five feet of historic fill material (including sand, gravel, silt and brick) underlain by sand, silt, gravel and clay. Bedrock was not encountered during this investigation.

5.1.2 Hydrogeology

Groundwater was encountered between 5.37 and 8.12 feet bg during the RI and general groundwater flow direction is expected to be in a north-northeasterly direction based on available groundwater monitoring data from the NYSDEC spill investigations for Lot 4. However, it is expected that regional groundwater the vicinity of the Site travels in a southerly direction, toward the nearest water body (Bronx Kill), located approximately 550 feet south of the Site. Groundwater in this part of Bronx is not generally used as a source of drinking water.

A table of water level data collected from the temporary monitoring wells is included in Section 4.2.4.

5.2 Soil Chemistry

Fifty soil samples were collected for laboratory analysis as part of the RI. Soil sample analytical results were compared to 6 New York Codes, Rules and Regulations (NYCRR) 375-6 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Use Soil Cleanup Objectives (RRSCOs). The complete laboratory analytical data sheets are provided in Appendix E. Analytical results of the soil samples collected for Lots 1, 34 and 38 are summarized in Tables 1 through 5, and in Tables 13 and 14 for Lot 4. Exceedances of SCOs are noted on the tables. Figure 2 shows the soil sample locations and Figures 4A and 4B shows sample concentrations exceeding the UUSCOs and/or RRSCOs. Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in soil/fill at the Site.

5.2.1 Volatile Organic Compounds (VOCs)

VOCs, with the exception of acetone, benzene, and toluene were not detected above their respective UUSCOs in the samples analyzed. Benzene was detected in two samples (max. concentration of 0.83 mg/kg) exceeding its UUSCO of 0.06 mg/kg, but well below its RRSCO of 4.8 mg/kg. Toluene was detected in sample SB-01_9-11_20191004 on Lot 4 at a concentration of 1.1 mg/kg, which exceeds its UUSCO of 0.07 mg/kg, but is well below its RRSCO of 100 mg/kg. Acetone was detected in 2 samples (max. concentration 0.081 mg/kg), which exceeds its UUSCO of 0.05 mg/kg, but well below its RRSCO of 100 mg/kg. It should be noted that acetone can be a common laboratory artifact and detections may not be representative of subsurface conditions at the Site. Soil analytical results for VOCs are presented in Table 1 for Lots 1, 34 and 38, and in Table 13 for Lot 4.

5.2.2 Semivolatile Organic Compounds (SVOCs)

SVOCs were detected in 6 of the 50 samples above applicable standards. The SVOCs benzo(a)anthracene (max. concentration of 3.3 mg/kg), benzo(a)pyrene (max. concentration of 5.5 mg/kg), benzo(b)fluoranthene (max. concentration of 7.5 mg/kg), dibenz(a,h)anthracene (detected at 0.91 mg/kg) and indeno(1,2,3-cd)pyrene (max. concentration of 4.5 mg/g) were detected in one or more soil samples in exceedance of their respective RRSCOs. The SVOCs benzo(k)fluoranthene (max. concentration 2.6 mg/kg) and chrysene (max. concentration of 3.5 mg/kg) were also detected in one or more samples in exceedance of their respective UUSCOs. These SVOC exceedances were limited to polycyclic aromatic hydrocarbons (PAHs), a class of SVOCs commonly found in urban fill material and is consistent with the material observed in the subsurface at the Site. PAHs were detected above RRSCOs and/or UUSCOs in surficial soil samples SB-01_0-2_20220707, SB-07_0-2_20220708 and SB-08_0-2_20220708. PAH detected above RRSCOs and/or UUSCOs were also identified in deeper soil samples SB-07_6-8_20220708, SB-08_2-4_20220708 and SB-12_2-4_20220708.

Soil analytical results for SVOCs are presented in Tables 2 and 14.

5.2.3 Metals

Five metals exceeded their RRSCOs in one or more samples, including arsenic (detected at 88.1 mg/kg), barium (detected at 538 mg/kg), copper (max. concentration of 3,730 mg/kg), lead (max. concentration of 1,000 mg/kg), and mercury (max. concentration of 2.6 mg/kg). Four metals were detected exceeded their UUSCOs in one or more samples including cadmium (detected at 2.9 mg/kg), hexavalent chromium (max. concentration of 15.4 mg/kg), selenium (detected at 13.9 mg/kg), and zinc (max. concentration of 328 mg/kg). The elevated metals concentrations are likely attributable to the Site's fill material. Soil analytical results for metals are presented in Tables 3 and 15.

5.2.4 PCBs and Pesticides

PCBs were not detected in any of the samples analyzed on Lots 1, 34 and 38, an the samples from Lot 4 were not analyzed for PCBs. Three pesticides including 4,4'-DDT (max. concentration of 0.27 mg/kg), 4,4'-DDD (max. concentration of 0.01 mg/kg) and 4,4'-DDE (max. concentration of 0.095 mg/kg) were detected in one or more soil samples at concentrations exceeding their UUSCOs, but well below their RRSCOs. Soil analytical results for PCBs (for Lots 1, 34 and 38) are presented in Table 4. Soil results for pesticides are presented on Tables 3 and 16..

5.3 Groundwater Chemistry

Seven groundwater samples (two on Lot 4 and five on Lots 1, 34 and 38) were collected for laboratory analysis from temporary monitoring wells as part of the RI. Analytical results were compared to the NYSDEC Technical & Operational Series Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs). The complete laboratory analytical data sheets are provided in Appendix E. Analytical results of the groundwater samples associated with Lots 1, 34 and 38 are summarized in Tables 6 through 11, and Tables 17 and 18 for Lot 4. Figure 2 shows the groundwater sample locations and Figures 5 shows the groundwater sample concentrations that exceed the NYSDEC Class GA AWQSGVs. Data collected during the RI is sufficient to delineate the distribution of contaminants in groundwater at the Site.

5.3.1 Volatile Organic Compounds

Eight VOCs were detected in one or more samples at concentrations exceeding their respective AWQSGVs, including benzene (max. concentration of 90 µg/L), ethylbenzene (detected at 420 µg/L), isopropylbenzene (max. concentration of 49 µg/L), m,p-xylenes (detected at 1,200 µg/L), o-xylene (detected at 600 µg/L), tert-butyl methyl ether (max. concentration of 41 µg/L), toluene (max. concentration of 78 µg/L) and naphthalene (detected at 78 µg/L). The detection of the aforementioned petroleum-related VOCs may be indicative of residual contamination from gasoline filling station operations. Groundwater analytical results for VOCs are presented in Tables 6 and 17.

5.3.2 Semivolatile Organic Compounds

SVOCs were not detected in any of the samples analyzed above AWQSGVs. Groundwater analytical results for SVOCs are presented in Tables 7 and 18.

5.3.3 Metals

The metals beryllium, chromium, iron, lead, magnesium, manganese, mercury, sodium, and thallium were detected above AWQSGVs in one or more of the unfiltered samples (total metals analysis) on Lots 1, 34 and 38. Manganese (max. concentration of 1,160 µg/L) and sodium (maximum of 1,290,000 µg/L) were also detected above AWQSGVs in one or more of the filtered samples (dissolved metals analysis). The presence and levels of these metals is typical of groundwater quality in the Bronx and does not appear to be related to a release at the Site, nor could a source be corroborated with the soil screening/observation data from the soil borings nor soil boring analytical data. Groundwater analytical results associated with Lots 1, 34 and 38 for total (unfiltered) metals and dissolved (filtered) metals are presented in Tables 8 and Table 9, respectively. Groundwater on Lot 4 was not sampled for metals.

5.3.4 PCBs and Pesticides

PCBs and pesticides were not detected in any of the samples analyzed above AWQSGVs. Groundwater analytical results associated with Lots 1, 34 and 38 for PCBs and pesticides are presented in Tables 10 and Table 11 of this RIR, respectively. Groundwater on Lot 4 was not sampled for PCBs or pesticides.

5.4 Soil Vapor Chemistry

Summary data tables for the laboratory analyses performed on the 9 soil vapor samples are included as Tables 12 and 19. Figure 2 shows the sample locations and Figure 6 shows the soil vapor detections. A complete copy of the laboratory analytical report for the soil vapor samples is provided in Appendix E. Data collected during the RI is sufficient to delineate the distribution of contaminants in soil vapor at the Site.

Concentrations of VOCs detected in the soil vapor samples were compared to the NYSDOH 2006 *Guidance for Evaluating Soil Vapor Intrusion* matrices, incorporating subsequent updates. These values provide an extremely conservative means of comparison. Matrices have only been established for carbon tetrachloride, PCE, 1,1,1-trichloroethane, TCE, vinyl chloride, methylene chloride, 1,1-dichloroethene, and cis-1,2-dichloroethene.

The soil vapor sampling results identified 41 VOCs in the samples, specifically benzene, toluene, ethylbenzene, xylenes (collectively referred to as BTEX), dichlorodifluoromethane, chlorodifluoromethane, chloromethane, n-Butane, 1,3-Butadiene, chloroethane, trichlorofluoromethane, 1,1,2-Trichlorotrifluoroethane, acetone, isopropyl alcohol, carbon

disulfide, methylene chloride, tert-butyl alcohol, methyl tert-butyl ether, n-hexane, methyl ethyl ketone (2-Butanone), chloroform, 1,1,1-Trichloroethane, cyclohexane, carbon tetrachloride, 2,2,4-Trimethylpentane, n-Heptane, trichloroethene, methyl methacrylate, 4-methyl-2-pentanone (methyl isobutyl ketone), PCE, methyl butyl ketone (2-Hexanone), chlorobenzene, n-propylbenzene, 4-Ethyltoluene, 1,3,5-Trimethylbenzene, 1,2,4-Trimethylbenzene, 4-isopropyltoluene, 1,3-dichlorobenzene, n-butylbenzene, hexachlorobutadiene and naphthalene at concentrations ranging from an estimated 0.31 µg/m^3 to 2,900 µg/m^3 from a diluted sample.

As indicated above, several chlorinated-VOC (CVOC) compounds subject to NYSDOH Soil Vapor/Indoor Air decision matrices were detected in one or more soil vapor samples. Carbon tetrachloride was detected in one or more soil vapor samples at a maximum concentration of 1.4 µg/m^3. PCE was detected at a maximum concentration of 540 µg/m^3 in a diluted sample. 1,1,1-trichloroethane was detected in one or more soil vapor samples at a maximum concentration of 1.8 µg/m^3. TCE was detected in one or more soil vapor samples at a maximum concentration of soil vapor sample at a maximum concentration of 180 µg/m^3. Methylene chloride was detected in one or more soil vapor samples at a maximum concentration of 66 µg/m^3. Cis-1,2-dichloroethene was detected in one soil vapor sample at a concentration of 2 µg/m^3. Comparison to the respective NYSDOH Soil Vapor/Indoor Air decision matrices indicates no further action is required for carbon tetrachloride, PCE, 1,1,1-trichloroethane, methylene chloride and cis-1,2-dichloroethene. However, TCE was detected in one soil vapor sample (SV-04_20220708 on Lot 34) at a concentration of 180 µg/m^3, which exceeds mitigation threshold of 60 µg/m^3 specified in NYSDOH Soil Vapor/Indoor Air Matrix A. Summary data tables for the laboratory analyses performed on the seven soil vapor samples are included as Tables 12 and 19.

5.5 Prior Activity

Based on an evaluation of the data and information from the RIR, disposal of significant amounts of hazardous waste is not suspected at the Site. However, the soil/fill will be pre-characterized for disposal facility acceptance before any potential excavation activities. The soil/fill will be disposed in accordance with federal, state, and local regulatory requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.

OER approval of a RAWP will be required to obtain a Notice to Proceed and excavation permits from the DOB. The RAWP will include measures for excavation and off-site disposal of soil during construction. An accompanying Construction Health and Safety Plan will include measures for worker and community protection, including personal protective equipment, dust control, air monitoring, and emergency response procedures.

5.6 Impediments to Remedial Action

The Site is currently covered by several buildings and impervious asphalt-paved paved and concrete surfaces; however, demolition of these features would occur prior to redevelopment. Prior to soil disturbance or redevelopment of the Site, appropriate remedial activities are recommended. The presence of adjacent structures (sidewalks, roads, buildings, etc.) may inhibit lateral excavation. There are no known impediments to remedial action at the Site.

APPENDIX A

PREVIOUS ASSESSMENTS

APPENDIX B

GEOPHYSICAL INVESTIGATION REPORTS

APPENDIX C

SOIL BORING LOGS

APPENDIX D

SOIL VAPOR SAMPLING LOGS

APPENDIX E

LABORATORY ANALYTICAL REPORTS FOR SOIL, GROUNDWATER AND SOIL VAPOR ANALYTICAL DATA

Table 1
Soil Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-01_0-2_20220707	SB-01_4-6_20220707	SB-01_6-8_20220707	SB-02_0-2_20220707	SB-02_2-4_20220707
		Laboratory Sample ID	460-261485-1	460-261485-2	460-261485-3	460-261485-4	460-261485-5
		Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,1,2-Trichloroethane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,1-Dichloroethane	0.27	26	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,1-Dichloroethene	0.33	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,2,3-Trichlorobenzene	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,2,4-Trichlorobenzene	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,2,4-Trimethylbenzene	3.6	52	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,2-Dichlorobenzene	1.1	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,2-Dichloroethane	0.02	3.1	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,2-Dichloropropane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,3-Dichlorobenzene	2.4	49	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
1,4-Dichlorobenzene	1.8	13	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
2-Hexanone	NS	NS	0.0082 U	0.0056 U	0.0045 U	0.0056 U	0.017 U
Acetone	**0.05**	100	0.0099 U	0.0067 U	0.0054 U	**0.081**	0.02 U
Benzene	0.06	4.8	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Bromochloromethane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Bromodichloromethane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Bromoform	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Bromomethane	NS	NS	0.0033 U	0.0022 U	0.0018 U	0.0022 U	0.0068 U
Carbon Disulfide	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Carbon Tetrachloride	0.76	2.4	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Chlorobenzene	1.1	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Chloroethane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Chloroform	0.37	49	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Chloromethane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Cis-1,2-Dichloroethylene	0.25	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Cis-1,3-Dichloropropene	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Cyclohexane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Dibromochloromethane	NS	NS	0.0016 UT	0.0011 UT	0.0009 UT	0.0011 UT	0.0034 UT
Dichlorodifluoromethane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Ethylbenzene	1	41	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Isopropylbenzene (Cumene)	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
M,P-Xylenes	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Methyl Acetate	NS	NS	0.0082 U	0.0056 U	0.0045 U	0.0056 U	0.017 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0082 U	0.0056 U	0.0045 U	0.013	0.017 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0082 U	0.0056 U	0.0045 U	0.0056 U	0.017 U
Methylcyclohexane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Methylene Chloride	0.05	100	0.0033 U	0.0022 U	0.0018 U	0.0022 U	0.0068 U
N-Butylbenzene	12	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
N-Propylbenzene	3.9	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Sec-Butylbenzene	11	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Styrene	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
T-Butylbenzene	5.9	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Tert-Butyl Methyl Ether	0.93	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Tetrachloroethylene (PCE)	1.3	19	0.0012 J	0.018	0.00033 J	0.0029	0.0026 J
Toluene	0.7	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Trans-1,2-Dichloroethene	0.19	100	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Trans-1,3-Dichloropropene	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Trichloroethylene (TCE)	0.47	21	0.0016 U	0.0011 U	0.0009 U	0.00036 J	0.0034 U
Trichlorofluoromethane	NS	NS	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Vinyl Chloride	0.02	0.9	0.0016 U	0.0011 U	0.0009 U	0.0011 U	0.0034 U
Xylenes, Total	0.26	100	0.0033 U	0.0022 U	0.0018 U	0.0022 U	0.0068 U

Table 1
Soil Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-03_0-2_20220707	SB-03_2-4_20220707	SB-X01_2-4_20220707	SB-03_5-7_20220707	SB-04_0-2_20220707
		Laboratory Sample ID	460-261485-6	460-261485-7	460-261485-9	460-261485-8	460-261485-12
		Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.002 UT	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,1,2,2-Tetrachloroethane	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,1,2-Trichloroethane	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,1-Dichloroethane	0.27	26	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,1-Dichloroethene	0.33	100	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,2,3-Trichlorobenzene	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,2,4-Trichlorobenzene	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,2,4-Trimethylbenzene	3.6	52	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,2-Dichlorobenzene	1.1	100	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,2-Dichloroethane	0.02	3.1	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,2-Dichloropropane	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,3-Dichlorobenzene	2.4	49	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
1,4-Dichlorobenzene	1.8	13	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
2-Hexanone	NS	NS	0.0098 U	0.0062 U	0.0081 U	0.0066 U	0.0097 U
Acetone	**0.05**	100	0.024	0.0074 U	0.0097 U	0.029	0.012 U
Benzene	0.06	4.8	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Bromochloromethane	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Bromodichloromethane	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Bromoform	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Bromomethane	NS	NS	0.0039 U	0.0025 U	0.0032 U	0.0026 U	0.0039 U
Carbon Disulfide	NS	NS	0.002 U	0.0012 U	0.0016 U	0.00041 J	0.0019 U
Carbon Tetrachloride	0.76	2.4	0.002 UT	0.0012 U	0.0016 UT	0.0013 UT	0.0019 UT
Chlorobenzene	1.1	100	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Chloroethane	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Chloroform	0.37	49	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Chloromethane	NS	NS	0.002 UT	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Cis-1,2-Dichloroethylene	0.25	100	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Cis-1,3-Dichloropropene	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Cyclohexane	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Dibromochloromethane	NS	NS	0.002 U	0.0012 UT	0.0016 U	0.0013 U	0.0019 U
Dichlorodifluoromethane	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Ethylbenzene	1	41	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Isopropylbenzene (Cumene)	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
M,P-Xylenes	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Methyl Acetate	NS	NS	0.0098 U	0.0062 U	0.0081 U	0.0066 U	0.0097 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0098 U	0.0062 U	0.0081 U	0.0066 U	0.0097 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0098 U	0.0062 U	0.0081 U	0.0066 U	0.0097 U
Methylcyclohexane	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Methylene Chloride	0.05	100	0.0039 U	0.0025 U	0.0032 U	0.0026 U	0.0039 U
N-Butylbenzene	12	100	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
N-Propylbenzene	3.9	100	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Sec-Butylbenzene	11	100	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Styrene	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
T-Butylbenzene	5.9	100	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Tert-Butyl Methyl Ether	0.93	100	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Tetrachloroethylene (PCE)	1.3	19	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Toluene	0.7	100	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Trans-1,2-Dichloroethene	0.19	100	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Trans-1,3-Dichloropropene	NS	NS	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Trichloroethylene (TCE)	0.47	21	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Trichlorofluoromethane	NS	NS	0.002 U	0.0012 U	0.0016 UT	0.0013 UT	0.0019 UT
Vinyl Chloride	0.02	0.9	0.002 U	0.0012 U	0.0016 U	0.0013 U	0.0019 U
Xylenes, Total	0.26	100	0.0039 U	0.0025 U	0.0032 U	0.0026 U	0.0039 U

Table 1
Soil Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-04_2-4_20220707	SB-04_5-7_20220707	SB-05_0-2_20220708	SB-05_2-4_20220708	SB-06_0-2_20220708
		Laboratory Sample ID	460-261485-13	460-261485-14	460-261584-1	460-261584-2	460-261584-3
		Date Sampled	7/07/2022	7/07/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,1,2-Trichloroethane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,1-Dichloroethane	0.27	26	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,1-Dichloroethene	0.33	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,2,3-Trichlorobenzene	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,2,4-Trichlorobenzene	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,2,4-Trimethylbenzene	3.6	52	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,2-Dichlorobenzene	1.1	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,2-Dichloroethane	0.02	3.1	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,2-Dichloropropane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,3-Dichlorobenzene	2.4	49	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
1,4-Dichlorobenzene	1.8	13	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
2-Hexanone	NS	NS	0.011 U	0.0051 U	0.007 U	0.0088 U	0.0091 U
Acetone	**0.05**	100	0.013 U	0.0061 U	0.015 B	0.011 U	0.011 U
Benzene	0.06	4.8	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Bromochloromethane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Bromodichloromethane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Bromoform	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Bromomethane	NS	NS	0.0043 U	0.002 U	0.0028 U	0.0035 U	0.0037 U
Carbon Disulfide	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Carbon Tetrachloride	0.76	2.4	0.0021 UT	0.001 UT	0.0014 U	0.0018 U	0.0018 U
Chlorobenzene	1.1	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Chloroethane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Chloroform	0.37	49	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Chloromethane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Cis-1,2-Dichloroethylene	0.25	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Cis-1,3-Dichloropropene	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Cyclohexane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Dibromochloromethane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Dichlorodifluoromethane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Ethylbenzene	1	41	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Isopropylbenzene (Cumene)	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
M,P-Xylenes	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Methyl Acetate	NS	NS	0.011 U	0.0051 U	0.007 U	0.0088 U	0.0091 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.011 U	0.0051 U	0.007 U	0.0088 U	0.0091 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.011 U	0.0051 U	0.007 U	0.0088 U	0.0091 U
Methylcyclohexane	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Methylene Chloride	0.05	100	0.0043 U	0.002 U	0.0028 U	0.0035 U	0.0037 U
N-Butylbenzene	12	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
N-Propylbenzene	3.9	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Sec-Butylbenzene	11	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Styrene	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
T-Butylbenzene	5.9	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Tert-Butyl Methyl Ether	0.93	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Tetrachloroethylene (PCE)	1.3	19	0.0045	0.0025	0.00061 J	0.0018 U	0.0018 U
Toluene	0.7	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Trans-1,2-Dichloroethene	0.19	100	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Trans-1,3-Dichloropropene	NS	NS	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Trichloroethylene (TCE)	0.47	21	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Trichlorofluoromethane	NS	NS	0.0021 UT	0.001 UT	0.0014 U	0.0018 U	0.0018 U
Vinyl Chloride	0.02	0.9	0.0021 U	0.001 U	0.0014 U	0.0018 U	0.0018 U
Xylenes, Total	0.26	100	0.0043 U	0.002 U	0.0028 U	0.0035 U	0.0037 U

Table 1
Soil Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-X02_0-2_20220708	SB-06_2-4_20220708	SB-06_6-8_20220708	SB-07_0-2_20220708	SB-07_2-4_20220708
		Laboratory Sample ID	460-261584-9	460-261584-4	460-261584-5	460-261584-6	460-261584-7
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,1,2-Trichloroethane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,1-Dichloroethane	0.27	26	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,1-Dichloroethene	0.33	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,2,3-Trichlorobenzene	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,2,4-Trichlorobenzene	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,2,4-Trimethylbenzene	3.6	52	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,2-Dichlorobenzene	1.1	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,2-Dichloroethane	0.02	3.1	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,2-Dichloropropane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,3-Dichlorobenzene	2.4	49	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
1,4-Dichlorobenzene	1.8	13	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
2-Hexanone	NS	NS	0.0067 U	0.0068 U	0.013 U	0.01 U	0.0094 U
Acetone	**0.05**	100	0.008 U	0.0082 U	0.016 U	0.012 U	0.011 U
Benzene	0.06	4.8	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Bromochloromethane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Bromodichloromethane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Bromoform	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Bromomethane	NS	NS	0.0027 U	0.0027 U	0.0053 U	0.0041 U	0.0037 U
Carbon Disulfide	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Carbon Tetrachloride	0.76	2.4	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Chlorobenzene	1.1	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Chloroethane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Chloroform	0.37	49	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Chloromethane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Cis-1,2-Dichloroethylene	0.25	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Cis-1,3-Dichloropropene	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Cyclohexane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Dibromochloromethane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Dichlorodifluoromethane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Ethylbenzene	1	41	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Isopropylbenzene (Cumene)	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
M,P-Xylenes	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Methyl Acetate	NS	NS	0.0067 U	0.0068 U	0.013 U	0.01 U	0.0094 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0067 U	0.0068 U	0.013 U	0.01 U	0.0094 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0067 U	0.0068 U	0.013 U	0.01 U	0.0094 U
Methylcyclohexane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Methylene Chloride	0.05	100	0.0027 U	0.0027 U	0.0053 U	0.0041 U	0.0037 U
N-Butylbenzene	12	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
N-Propylbenzene	3.9	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Sec-Butylbenzene	11	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Styrene	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
T-Butylbenzene	5.9	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Tert-Butyl Methyl Ether	0.93	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Tetrachloroethylene (PCE)	1.3	19	0.00095 J	0.0014 U	0.0026 U	0.0053	0.0013 J
Toluene	0.7	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Trans-1,2-Dichloroethene	0.19	100	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Trans-1,3-Dichloropropene	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Trichloroethylene (TCE)	0.47	21	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Trichlorofluoromethane	NS	NS	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Vinyl Chloride	0.02	0.9	0.0013 U	0.0014 U	0.0026 U	0.0021 U	0.0019 U
Xylenes, Total	0.26	100	0.0027 U	0.0027 U	0.0053 U	0.0041 U	0.0037 U

Table 1
Soil Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-07_6-8_20220708	SB-08_0-2_20220708	SB-08_2-4_20220708	SB-08_6-8_20220708	SB-09_0-2_20220708
		Laboratory Sample ID	460-261584-8	460-261584-12	460-261584-13	460-261584-14	460-261584-15
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,1,2-Trichloroethane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,1-Dichloroethane	0.27	26	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,1-Dichloroethene	0.33	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,2,4-Trimethylbenzene	3.6	52	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,2-Dichlorobenzene	1.1	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,3-Dichlorobenzene	2.4	49	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
1,4-Dichlorobenzene	1.8	13	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
2-Hexanone	NS	NS	0.0069 U	0.013 U	0.0087 U	0.0069 U	0.0076 U
Acetone	**0.05**	100	0.021 B	0.015 U	0.01 U	0.012 B	0.0091 U
Benzene	0.06	4.8	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Bromochloromethane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Bromodichloromethane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Bromoform	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Bromomethane	NS	NS	0.0028 U	0.0052 U	0.0035 U	0.0028 U	0.003 U
Carbon Disulfide	NS	NS	0.00083 J	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Chlorobenzene	1.1	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Chloroethane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Chloroform	0.37	49	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Chloromethane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Cis-1,2-Dichloroethylene	0.25	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Cyclohexane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Dibromochloromethane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Dichlorodifluoromethane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Ethylbenzene	1	41	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Isopropylbenzene (Cumene)	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
M,P-Xylenes	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Methyl Acetate	NS	NS	0.0069 U	0.013 U	0.0087 U	0.0069 U	0.0076 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0069 U	0.013 U	0.0087 U	0.0069 U	0.0076 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0069 U	0.013 U	0.0087 U	0.0069 U	0.0076 U
Methylcyclohexane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Methylene Chloride	0.05	100	0.0028 U	0.0052 U	0.0035 U	0.0028 U	0.003 U
N-Butylbenzene	12	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
N-Propylbenzene	3.9	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Sec-Butylbenzene	11	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Styrene	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
T-Butylbenzene	5.9	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Tert-Butyl Methyl Ether	0.93	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Tetrachloroethylene (PCE)	1.3	19	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.00089 J
Toluene	0.7	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Trans-1,2-Dichloroethene	0.19	100	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Trichloroethylene (TCE)	0.47	21	0.0014 U	0.015	0.0017 U	0.00097 J	0.0015 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Vinyl Chloride	0.02	0.9	0.0014 U	0.0026 U	0.0017 U	0.0014 U	0.0015 U
Xylenes, Total	0.26	100	0.0028 U	0.0052 U	0.0035 U	0.0028 U	0.003 U

Table 1
Soil Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-09_2-4_20220708	SB-09_6-8_20220708	SB-10_0-2_20220708	SB-10_2-4_20220708	SB-10_6-8_20220708
		Laboratory Sample ID	460-261584-16	460-261584-17	460-261584-18	460-261584-19	460-261584-20
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,2,4-Trimethylbenzene	3.6	52	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,3-Dichlorobenzene	2.4	49	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
1,4-Dichlorobenzene	1.8	13	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
2-Hexanone	NS	NS	0.0068 U	0.0063 U	0.0085 U	0.0076 U	0.0066 U
Acetone	**0.05**	100	0.0088 B	0.021 B	0.013 B	0.0092 U	**0.069 B**
Benzene	0.06	4.8	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Bromochloromethane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Bromodichloromethane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Bromoform	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Bromomethane	NS	NS	0.0027 U	0.0025 U	0.0034 U	0.0031 U	0.0027 U
Carbon Disulfide	NS	NS	0.0014 U	0.0011 J	0.0017 U	0.0015 U	0.00078 J
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Chlorobenzene	1.1	100	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Chloroethane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Chloroform	0.37	49	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Chloromethane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Cyclohexane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.011
Dibromochloromethane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Dichlorodifluoromethane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Ethylbenzene	1	41	0.0014 U	0.0013 U	0.00058 J	0.0015 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.069
M,P-Xylenes	NS	NS	0.0014 U	0.0013 U	0.002	0.0015 U	0.00031 J
Methyl Acetate	NS	NS	0.0068 U	0.0063 U	0.0085 U	0.0076 U	0.0066 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0068 U	0.0063 U	0.0085 U	0.0076 U	0.0066 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0068 U	0.0063 U	0.0031 J	0.0076 U	0.0066 U
Methylcyclohexane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.062
Methylene Chloride	0.05	100	0.0027 U	0.0025 U	0.0034 U	0.0031 U	0.0027 U
N-Butylbenzene	12	100	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.032
N-Propylbenzene	3.9	100	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.12
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0014 U	0.0013 U	0.00061 J	0.0015 U	0.00032 J
Sec-Butylbenzene	11	100	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.038
Styrene	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
T-Butylbenzene	5.9	100	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0017
Tert-Butyl Methyl Ether	0.93	100	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	19	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Toluene	0.7	100	0.0014 U	0.0013 U	0.0019	0.0015 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.0014 U	0.0013 U	0.0017 U	0.0015 U	0.0013 U
Xylenes, Total	0.26	100	0.0027 U	0.0025 U	0.0026 J	0.0031 U	0.00063 J

Table 1
Soil Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-11_0-2_20220708	SB-11_2-4_20220708	SB-11_6-8_20220708	SB-12_0-2_20220708	SB-12_2-4_20220708
		Laboratory Sample ID	460-261584-21	460-261584-22	460-261584-23	460-261584-24	460-261584-25
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,1,2-Trichloroethane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,1-Dichloroethane	0.27	26	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,1-Dichloroethene	0.33	100	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,2,3-Trichlorobenzene	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,2,4-Trichlorobenzene	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,2,4-Trimethylbenzene	3.6	52	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0015 J
1,2-Dibromo-3-Chloropropane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,2-Dichlorobenzene	1.1	100	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,2-Dichloroethane	0.02	3.1	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,2-Dichloropropane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0015 J
1,3-Dichlorobenzene	2.4	49	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
1,4-Dichlorobenzene	1.8	13	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.00052 J
2-Hexanone	NS	NS	0.0094 U	0.0065 U	0.0069 U	0.0097 U	0.0092 U
Acetone	**0.05**	100	0.012 B	0.0077 U	0.02 B	0.012 U	0.011 U
Benzene	0.06	4.8	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Bromochloromethane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Bromodichloromethane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Bromoform	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Bromomethane	NS	NS	0.0038 U	0.0026 U	0.0028 U	0.0039 U	0.0037 U
Carbon Disulfide	NS	NS	0.0019 U	0.0013 U	0.00057 J	0.0019 U	0.0018 U
Carbon Tetrachloride	0.76	2.4	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Chlorobenzene	1.1	100	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Chloroethane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Chloroform	0.37	49	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Chloromethane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Cis-1,2-Dichloroethylene	0.25	100	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Cis-1,3-Dichloropropene	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Cyclohexane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Dibromochloromethane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Dichlorodifluoromethane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Ethylbenzene	1	41	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Isopropylbenzene (Cumene)	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
M,P-Xylenes	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0014 J
Methyl Acetate	NS	NS	0.0094 U	0.0065 U	0.0069 U	0.0097 U	0.0092 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0094 U	0.0065 U	0.0069 U	0.0097 U	0.0092 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0094 U	0.0065 U	0.0069 U	0.0097 U	0.0092 U
Methylcyclohexane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Methylene Chloride	0.05	100	0.0038 U	0.0026 U	0.0028 U	0.0039 U	0.0037 U
N-Butylbenzene	12	100	0.0019 U	0.0013 U	0.0024	0.0019 U	0.0018 U
N-Propylbenzene	3.9	100	0.0019 U	0.0013 U	0.00027 J	0.0019 U	0.0018 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0019
Sec-Butylbenzene	11	100	0.0019 U	0.0013 U	0.0052	0.0019 U	0.0018 U
Styrene	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
T-Butylbenzene	5.9	100	0.0019 U	0.0013 U	0.00055 J	0.0019 U	0.0018 U
Tert-Butyl Methyl Ether	0.93	100	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0042
Tetrachloroethylene (PCE)	1.3	19	0.0012 J	0.0013 U	0.0014 U	0.0041	0.0053
Toluene	0.7	100	0.0019 U	0.0013 U	0.0014 U	0.0017 J	0.0043
Trans-1,2-Dichloroethene	0.19	100	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Trans-1,3-Dichloropropene	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Trichloroethylene (TCE)	0.47	21	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Trichlorofluoromethane	NS	NS	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Vinyl Chloride	0.02	0.9	0.0019 U	0.0013 U	0.0014 U	0.0019 U	0.0018 U
Xylenes, Total	0.26	100	0.0038 U	0.0026 U	0.0028 U	0.0039 U	0.0033 J

Table 1
Soil Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	FB-01_20220707	FB-02_20220708	TB-01_20220707	TB-02_20220708
		Laboratory Sample ID	460-261485-11	460-261584-11	460-261485-10	460-261584-10
		Date Sampled	7/07/2022	7/08/2022	7/07/2022	7/08/2022
		Unit	µg/L	µg/L	µg/L	µg/L
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	1 U	1 U	1 U	1 U
1,1-Dichloroethane	0.27	26	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	3.6	52	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	1 U	1 U	1 U	1 U
1,2-Dichloropropane	NS	NS	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	2.4	49	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	1 U	1 U	1 U	1 U
2-Hexanone	NS	NS	5 U	5 U	5 U	5 U
Acetone	**0.05**	100	5 U	5 U	5 U	5 U
Benzene	0.06	4.8	1 U	1 U	1 U	1 U
Bromochloromethane	NS	NS	1 U	1 U	1 U	1 U
Bromodichloromethane	NS	NS	1 U	1 U	1 U	1 U
Bromoform	NS	NS	1 U	1 U	1 U	1 U
Bromomethane	NS	NS	1 U	1 U	1 U	1 U
Carbon Disulfide	NS	NS	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	1 U	1 U	1 U	1 U
Chlorobenzene	1.1	100	1 U	1 U	1 U	1 U
Chloroethane	NS	NS	1 U	1 U	1 U	1 U
Chloroform	0.37	49	1 U	1 U	1 U	1 U
Chloromethane	NS	NS	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	1 U	1 U	1 U	1 U
Cyclohexane	NS	NS	1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	1 U	1 U	1 U	1 U
Ethylbenzene	1	41	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS	1 U	1 U	1 U	1 U
Methyl Acetate	NS	NS	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	NS	1 U	1 U	1 U	1 U
Methylene Chloride	0.05	100	0.6 J	0.54 J	0.47 J	0.45 J
N-Butylbenzene	12	100	1 U	1 U	1 U	1 U
N-Propylbenzene	3.9	100	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	1 U	1 U	1 U	1 U
Sec-Butylbenzene	11	100	1 U	1 U	1 U	1 U
Styrene	NS	NS	1 U	1 U	1 U	1 U
T-Butylbenzene	5.9	100	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1 U	1 U	1 U	1 U
Toluene	0.7	100	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	1 U	1 U	1 U	1 U
Trichlorofluoromethane	NS	NS	1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	1 U	1 U	1 U	1 U
Xylenes, Total	0.26	100	2 U	2 U	2 U	2 U

Table 2
Soil Analytical Results of Semivolatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
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			AKRF Sample ID	SB-01_0-2_20220707	SB-01_4-6_20220707	SB-01_6-8_20220707	SB-02_0-2_20220707	SB-02_2-4_20220707	SB-03_0-2_20220707
			Laboratory Sample ID	460-261485-1	460-261485-2	460-261485-3	460-261485-4	460-261485-5	460-261485-6
			Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
			Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
1,4-Dioxane (P-Dioxane)	0.1	13		0.038 U	0.037 U	0.037 U	0.037 U	0.036 U	0.035 U
2,3,4,6-Tetrachlorophenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
2,4,5-Trichlorophenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
2,4,6-Trichlorophenol	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
2,4-Dinitrophenol	NS	NS		0.3 U	0.3 U	0.3 U	0.3 U	0.29 U	0.28 U
2,4-Dinitrotoluene	NS	NS		0.076 U	0.075 U	0.075 U	0.075 U	0.073 U	0.071 U
2,6-Dinitrotoluene	NS	NS		0.076 U	0.075 U	0.075 U	0.075 U	0.073 U	0.071 U
2-Chloronaphthalene	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
2-Chlorophenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
2-Methylnaphthalene	NS	NS		0.022 J	0.37 U	0.37 U	0.37 U	0.36 U	0.21 J
2-Methylphenol (O-Cresol)	0.33	100		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
2-Nitroaniline	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
2-Nitrophenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
3- And 4- Methylphenol (Total)	NS	NS		0.028 J	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
3,3'-Dichlorobenzidine	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS		0.3 U	0.3 U	0.3 U	0.3 U	0.29 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
4-Chloroaniline	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
4-Methylphenol (P-Cresol)	0.33	100		0.028 J	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
4-Nitroaniline	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
4-Nitrophenol	NS	NS		0.76 U	0.75 U	0.75 U	0.75 U	0.73 U	0.71 U
Acenaphthene	20	100		0.068 J	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Acenaphthylene	100	100		0.28 J	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Acetophenone	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Anthracene	100	100		0.32 J	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Atrazine	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
Benzaldehyde	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Benzo(a)Anthracene	**1**	1		**3.3**	0.034 J	0.037 U	0.037 U	0.036 U	0.035 U
Benzo(a)Pyrene	**1**	1		**5.5**	0.021 J	0.037 U	0.037 U	0.036 U	0.035 U
Benzo(b)Fluoranthene	**1**	1		**7.5**	0.037	0.037 U	0.037 U	0.036 U	0.035 U
Benzo(g,h,i)Perylene	100	100		3.7	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Benzo(k)Fluoranthene	**0.8**	3.9		**2.6**	0.015 J	0.037 U	0.037 U	0.036 U	0.035 U
Benzyl Butyl Phthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Biphenyl (Diphenyl)	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.026 J
Bis(2-Chloroethoxy) Methane	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS		0.038 U	0.037 U	0.037 U	0.037 U	0.036 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.11 J	0.36 U	0.05 J
Caprolactam	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Carbazole	NS	NS		0.29 J	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Chrysene	**1**	3.9		**3.5**	0.049 J	0.37 U	0.0078 J	0.0089 J	0.35 U
Dibenz(a,h)Anthracene	**0.33**	0.33		**0.91**	0.037 U	0.037 U	0.037 U	0.036 U	0.035 U
Dibenzofuran	7	59		0.04 J	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Diethyl Phthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Dimethyl Phthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Di-N-Butyl Phthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Di-N-Octylphthalate	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Fluoranthene	100	100		4.3	0.046 J	0.37 U	0.013 J	0.015 J	0.029 J
Fluorene	30	100		0.071 J	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Hexachlorobenzene	0.33	1.2		0.038 U	0.037 U	0.037 U	0.037 U	0.036 U	0.035 U
Hexachlorobutadiene	NS	NS		0.076 U	0.075 U	0.075 U	0.075 U	0.073 U	0.071 U
Hexachlorocyclopentadiene	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Hexachloroethane	NS	NS		0.038 U	0.037 U	0.037 U	0.037 U	0.036 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5		**4.5**	0.039	0.037 U	0.037 U	0.036 U	0.035 U
Isophorone	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.14 U
Naphthalene	12	100		0.066 J	0.0064 J	0.37 U	0.37 U	0.36 U	0.034 J
Nitrobenzene	NS	NS		0.038 U	0.037 U	0.037 U	0.037 U	0.036 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS		0.038 U	0.037 U	0.037 U	0.037 U	0.036 U	0.035 U
N-Nitrosodiphenylamine	NS	NS		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Pentachlorophenol	0.8	6.7		0.3 U	0.3 U	0.3 U	0.3 U	0.29 U	0.28 U
Phenanthrene	100	100		0.98	0.037 J	0.37 U	0.014 J	0.015 J	0.2 J
Phenol	0.33	100		0.38 U	0.37 U	0.37 U	0.37 U	0.36 U	0.35 U
Pyrene	100	100		4.1	0.044 J	0.37 U	0.011 J	0.012 J	0.064 J

Table 2
Soil Analytical Results of Semivolatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-03_2-4_20220707	SB-X01_2-4_20220707	SB-03_5-7_20220707	SB-04_0-2_20220707	SB-04_2-4_20220707	SB-04_5-7_20220707
		Laboratory Sample ID	460-261485-7	460-261485-9	460-261485-8	460-261485-12	460-261485-13	460-261485-14
		Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.037 U	0.038 U	0.036 U	0.038 U	0.038 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
2,4-Dinitrophenol	NS	NS	0.3 U	0.3 U	0.31 U	0.29 U	0.31 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.075 U	0.076 U	0.077 U	0.073 U	0.078 U	0.078 U
2,6-Dinitrotoluene	NS	NS	0.075 U	0.076 U	0.077 U	0.073 U	0.078 U	0.078 U
2-Chloronaphthalene	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
2-Chlorophenol	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
2-Methylnaphthalene	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
2-Nitroaniline	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
2-Nitrophenol	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
3- And 4- Methylphenol (Total)	NS	NS	0.37 U	0.37 U	0.029 J	0.36 U	0.38 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.3 U	0.31 U	0.29 U	0.31 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
4-Chloroaniline	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
4-Methylphenol (P-Cresol)	0.33	100	0.37 U	0.37 U	0.029 J	0.36 U	0.38 U	0.38 U
4-Nitroaniline	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
4-Nitrophenol	NS	NS	0.75 U	0.76 U	0.77 U	0.73 U	0.78 U	0.78 U
Acenaphthene	20	100	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Acenaphthylene	100	100	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Acetophenone	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Anthracene	100	100	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Atrazine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Benzo(a)Anthracene	**1**	1	0.036 J	0.033 J	0.054	0.021 J	0.014 J	0.023 J
Benzo(a)Pyrene	**1**	1	0.012 J	0.016 J	0.04	0.036 U	0.038 U	0.013 J
Benzo(b)Fluoranthene	**1**	1	0.028 J	0.022 J	0.054	0.02 J	0.038 U	0.021 J
Benzo(g,h,i)Perylene	100	100	0.37 U	0.37 U	0.025 J	0.36 U	0.38 U	0.38 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.017 J	0.015 J	0.034 J	0.008 J	0.038 U	0.0095 J
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.037 U	0.038 U	0.036 U	0.038 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Caprolactam	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Carbazole	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Chrysene	**1**	3.9	0.036 J	0.03 J	0.059 J	0.024 J	0.011 J	0.023 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.037 U	0.037 U	0.038 U	0.036 U	0.038 U	0.038 U
Dibenzofuran	7	59	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Diethyl Phthalate	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Dimethyl Phthalate	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Fluoranthene	100	100	0.056 J	0.046 J	0.076 J	0.028 J	0.015 J	0.04 J
Fluorene	30	100	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Hexachlorobenzene	0.33	1.2	0.037 U	0.037 U	0.038 U	0.036 U	0.038 U	0.038 U
Hexachlorobutadiene	NS	NS	0.075 U	0.076 U	0.077 U	0.073 U	0.078 U	0.078 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Hexachloroethane	NS	NS	0.037 U	0.037 U	0.038 U	0.036 U	0.038 U	0.038 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.037 U	0.037 U	0.058	0.036 U	0.038 U	0.038 U
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	0.37 U	0.37 U	0.0081 J	0.0071 J	0.38 U	0.38 U
Nitrobenzene	NS	NS	0.037 U	0.037 U	0.038 U	0.036 U	0.038 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.037 U	0.038 U	0.036 U	0.038 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Pentachlorophenol	0.8	6.7	0.3 U	0.3 U	0.31 U	0.29 U	0.31 U	0.31 U
Phenanthrene	100	100	0.051 J	0.036 J	0.026 J	0.024 J	0.015 J	0.029 J
Phenol	0.33	100	0.37 U	0.37 U	0.38 U	0.36 U	0.38 U	0.38 U
Pyrene	100	100	0.056 J	0.048 J	0.084 J	0.029 J	0.016 J	0.039 J

Table 2
Soil Analytical Results of Semivolatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-05_0-2_20220708	SB-05_2-4_20220708	SB-06_0-2_20220708	SB-X02_0-2_20220708	SB-06_2-4_20220708	SB-06_6-8_20220708
		Laboratory Sample ID	460-261584-1	460-261584-2	460-261584-3	460-261584-9	460-261584-4	460-261584-5
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.037 U	0.036 U	0.035 U	0.037 U	0.044 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.18 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.18 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
2,4-Dinitrophenol	NS	NS	0.3 U	0.3 U	0.29 U	0.28 U	0.3 U	0.36 U
2,4-Dinitrotoluene	NS	NS	0.076 U	0.075 U	0.073 U	0.071 U	0.075 U	0.09 U
2,6-Dinitrotoluene	NS	NS	0.076 U	0.075 U	0.073 U	0.071 U	0.075 U	0.09 U
2-Chloronaphthalene	NS	NS	0.032 J	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
2-Chlorophenol	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
2-Methylnaphthalene	NS	NS	0.016 J	0.37 U	0.022 J	0.09 J	0.037 J	0.03 J
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
2-Nitroaniline	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
2-Nitrophenol	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
3- And 4- Methylphenol (Total)	NS	NS	0.37 U	0.37 U	0.36 U	0.042 J	0.37 U	0.44 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.18 U
3-Nitroaniline	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.3 U	0.29 U	0.28 U	0.3 U	0.36 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
4-Chloroaniline	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
4-Methylphenol (P-Cresol)	0.33	100	0.37 U	0.37 U	0.36 U	0.042 J	0.37 U	0.44 U
4-Nitroaniline	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
4-Nitrophenol	NS	NS	0.76 U	0.75 U	0.73 U	0.71 U	0.75 U	0.9 U
Acenaphthene	20	100	0.37 U	0.011 J	0.021 J	0.025 J	0.028 J	0.015 J
Acenaphthylene	100	100	0.17 J	0.37 U	0.045 J	0.1 J	0.04 J	0.04 J
Acetophenone	NS	NS	0.37 U	0.37 U	0.023 J	0.35 U	0.37 U	0.44 U
Anthracene	100	100	0.04 J	0.018 J	0.11 J	0.091 J	0.089 J	0.027 J
Atrazine	NS	NS	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.18 U
Benzaldehyde	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
Benzo(a)Anthracene	**1**	1	0.083	0.042	0.5	0.5	0.48	0.087
Benzo(a)Pyrene	**1**	1	0.059	0.022 J	0.47	0.47	0.49	0.072
Benzo(b)Fluoranthene	**1**	1	0.096	0.036 J	0.65	0.76	0.73	0.12
Benzo(g,h,i)Perylene	100	100	0.083 J	0.37 U	0.25 J	0.34 J	0.3 J	0.069 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.037 U	0.017 J	0.27	0.29	0.26	0.047
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
Biphenyl (Diphenyl)	NS	NS	0.015 J	0.37 U	0.36 U	0.024 J	0.37 U	0.021 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.037 U	0.036 U	0.035 U	0.037 U	0.044 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	0.37 U	0.31 J	0.045 J	0.37 U	0.44 U
Caprolactam	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
Carbazole	NS	NS	0.37 U	0.37 U	0.023 J	0.025 J	0.039 J	0.44 U
Chrysene	**1**	3.9	0.078 J	0.034 J	0.52	0.53	0.53	0.11 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.037 U	0.037 U	0.067	0.07	0.066	0.035 J
Dibenzofuran	7	59	0.37 U	0.37 U	0.018 J	0.024 J	0.036 J	0.021 J
Diethyl Phthalate	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
Dimethyl Phthalate	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.071 J	0.15 J	0.37 U	0.03 J
Di-N-Octylphthalate	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
Fluoranthene	100	100	0.16 J	0.088 J	0.84	0.79	0.79	0.18 J
Fluorene	30	100	0.018 J	0.37 U	0.027 J	0.023 J	0.022 J	0.019 J
Hexachlorobenzene	0.33	1.2	0.037 U	0.037 U	0.036 U	0.035 U	0.037 U	0.044 U
Hexachlorobutadiene	NS	NS	0.076 U	0.075 U	0.073 U	0.071 U	0.075 U	0.09 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
Hexachloroethane	NS	NS	0.037 U	0.037 U	0.036 U	0.035 U	0.037 U	0.044 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.1	0.037 U	0.41	0.47	0.49	0.097
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.18 U
Naphthalene	12	100	0.25 J	0.007 J	0.077 J	0.3 J	0.049 J	0.19 J
Nitrobenzene	NS	NS	0.037 U	0.037 U	0.036 U	0.035 U	0.037 U	0.044 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.037 U	0.036 U	0.035 U	0.037 U	0.044 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
Pentachlorophenol	0.8	6.7	0.3 U	0.3 U	0.29 U	0.28 U	0.3 U	0.36 U
Phenanthrene	100	100	0.12 J	0.075 J	0.41	0.31 J	0.51	0.16 J
Phenol	0.33	100	0.37 U	0.37 U	0.36 U	0.35 U	0.37 U	0.44 U
Pyrene	100	100	0.17 J	0.087 J	0.78	0.79	0.82	0.19 J

Table 2
Soil Analytical Results of Semivolatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-07_0-2_20220708	SB-07_2-4_20220708	SB-07_6-8_20220708	SB-08_0-2_20220708	SB-08_2-4_20220708	SB-08_6-8_20220708
		Laboratory Sample ID	460-261584-6	460-261584-7	460-261584-8	460-261584-12	460-261584-13	460-261584-14
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.036 U	0.037 U	0.038 U	0.035 U	0.039 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.16 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.16 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
2,4-Dinitrophenol	NS	NS	0.3 U	0.29 U	0.3 U	0.31 U	0.29 U	0.32 U
2,4-Dinitrotoluene	NS	NS	0.076 U	0.072 U	0.075 U	0.077 U	0.072 U	0.08 U
2,6-Dinitrotoluene	NS	NS	0.076 U	0.072 U	0.075 U	0.077 U	0.072 U	0.08 U
2-Chloronaphthalene	NS	NS	0.035 J	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
2-Chlorophenol	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
2-Methylnaphthalene	NS	NS	0.21 J	0.36 U	0.11 J	0.07 J	0.022 J	0.19 J
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
2-Nitroaniline	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
2-Nitrophenol	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
3- And 4- Methylphenol (Total)	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.16 U
3-Nitroaniline	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.29 U	0.3 U	0.31 U	0.29 U	0.32 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
4-Chloroaniline	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
4-Methylphenol (P-Cresol)	0.33	100	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
4-Nitroaniline	NS	NS	0.37 U	0.36 U	0.37 U	0.057 J	0.35 U	0.39 U
4-Nitrophenol	NS	NS	0.76 U	0.72 U	0.75 U	0.77 U	0.72 U	0.8 U
Acenaphthene	20	100	0.7	0.36 U	0.28 J	0.12 J	0.35 U	0.25 J
Acenaphthylene	100	100	0.15 J	0.015 J	0.014 J	0.11 J	0.11 J	0.39 U
Acetophenone	NS	NS	0.37 U	0.36 U	0.37 U	0.042 J	0.35 U	0.39 U
Anthracene	100	100	1.2	0.018 J	0.71	0.33 J	0.15 J	0.12 J
Atrazine	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.16 U
Benzaldehyde	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Benzo(a)Anthracene	**1**	1	**3.1**	0.11	1	**1.4**	0.93	0.13
Benzo(a)Pyrene	**1**	1	**2.2**	0.13	0.96	**1.2**	0.89	0.11
Benzo(b)Fluoranthene	**1**	1	**3.3**	0.17	**1.1**	**1.9**	**1.4**	0.17
Benzo(g,h,i)Perylene	100	100	0.88	0.064 J	0.43	0.64	0.5	0.12 J
Benzo(k)Fluoranthene	**0.8**	3.9	**1**	0.075	0.4	0.038 U	0.6	0.077
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Biphenyl (Diphenyl)	NS	NS	0.058 J	0.36 U	0.027 J	0.024 J	0.35 U	0.39 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.036 U	0.037 U	0.038 U	0.035 U	0.039 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	0.36 U	0.37 U	0.32 J	0.35 U	0.39 U
Caprolactam	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Carbazole	NS	NS	0.43	0.014 J	0.21 J	0.22 J	0.091 J	0.39 U
Chrysene	**1**	3.9	**3.4**	0.14 J	0.96	**1.6**	**1.1**	0.14 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.22	0.029 J	0.088	0.14	0.035 U	0.036 J
Dibenzofuran	7	59	0.22 J	0.36 U	0.19 J	0.11 J	0.053 J	0.39 U
Diethyl Phthalate	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Dimethyl Phthalate	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Fluoranthene	100	100	6.3	0.22 J	2.3	3	1.8	0.27 J
Fluorene	30	100	0.48	0.36 U	0.35 J	0.12 J	0.048 J	0.49
Hexachlorobenzene	0.33	1.2	0.037 U	0.036 U	0.037 U	0.038 U	0.035 U	0.039 U
Hexachlorobutadiene	NS	NS	0.076 U	0.072 U	0.075 U	0.077 U	0.072 U	0.08 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Hexachloroethane	NS	NS	0.037 U	0.036 U	0.037 U	0.038 U	0.035 U	0.039 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	**1.3**	0.12	**0.62**	**1**	**0.73**	0.16
Isophorone	NS	NS	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.16 U
Naphthalene	12	100	0.29 J	0.012 J	0.16 J	0.16 J	0.057 J	0.36 J
Nitrobenzene	NS	NS	0.037 U	0.036 U	0.037 U	0.038 U	0.035 U	0.039 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.036 U	0.037 U	0.038 U	0.035 U	0.039 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Pentachlorophenol	0.8	6.7	0.3 U	0.29 U	0.3 U	0.31 U	0.29 U	0.32 U
Phenanthrene	100	100	7.2	0.11 J	2.3	2.2	1.1	0.28 J
Phenol	0.33	100	0.37 U	0.36 U	0.37 U	0.38 U	0.35 U	0.39 U
Pyrene	100	100	6.4	0.23 J	2.4	2.7	1.9	0.37 J

Table 2
Soil Analytical Results of Semivolatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-09_0-2_20220708	SB-09_2-4_20220708	SB-09_6-8_20220708	SB-10_0-2_20220708	SB-10_2-4_20220708	SB-10_6-8_20220708
		Laboratory Sample ID	460-261584-15	460-261584-16	460-261584-17	460-261584-18	460-261584-19	460-261584-20
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.035 U	0.037 U	0.037 U	0.039 U	0.037 U	0.038 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
2,4,5-Trichlorophenol	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
2,4-Dinitrophenol	NS	NS	0.28 U	0.3 U	0.3 U	0.31 U	0.3 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.071 U	0.076 U	0.075 U	0.079 U	0.075 U	0.078 U
2,6-Dinitrotoluene	NS	NS	0.071 U	0.076 U	0.075 U	0.079 U	0.075 U	0.078 U
2-Chloronaphthalene	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
2-Chlorophenol	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
2-Methylnaphthalene	NS	NS	0.35 U	0.37 U	0.37 U	0.028 J	0.11 J	0.11 J
2-Methylphenol (O-Cresol)	0.33	100	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
2-Nitroaniline	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
2-Nitrophenol	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
3- And 4- Methylphenol (Total)	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.066 J
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.28 U	0.3 U	0.3 U	0.31 U	0.3 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
4-Chloro-3-Methylphenol	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
4-Chloroaniline	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
4-Methylphenol (P-Cresol)	0.33	100	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.066 J
4-Nitroaniline	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
4-Nitrophenol	NS	NS	0.71 U	0.76 U	0.75 U	0.79 U	0.75 U	0.78 U
Acenaphthene	20	100	0.35 U	0.37 U	0.37 U	0.051 J	0.078 J	0.088 J
Acenaphthylene	100	100	0.35 U	0.37 U	0.37 U	0.038 J	0.37 U	0.38 U
Acetophenone	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Anthracene	100	100	0.011 J	0.37 U	0.37 U	0.13 J	0.11 J	0.067 J
Atrazine	NS	NS	0.14 U	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Benzo(a)Anthracene	**1**	1	0.068	0.052	0.037 U	0.61	0.35	0.19
Benzo(a)Pyrene	**1**	1	0.054	0.036 J	0.037 U	0.44	0.22	0.14
Benzo(b)Fluoranthene	**1**	1	0.084	0.06	0.037 U	0.64	0.3	0.19
Benzo(g,h,i)Perylene	100	100	0.045 J	0.022 J	0.37 U	0.27 J	0.13 J	0.087 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.042	0.018 J	0.037 U	0.22	0.11	0.086
Benzyl Butyl Phthalate	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Biphenyl (Diphenyl)	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.022 J	0.38 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.035 U	0.037 U	0.037 U	0.039 U	0.037 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.031 J	0.37 U	0.37 U	0.32 J	0.37 U	0.38 U
Caprolactam	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Carbazole	NS	NS	0.35 U	0.37 U	0.37 U	0.051 J	0.023 J	0.015 J
Chrysene	**1**	3.9	0.063 J	0.053 J	0.37 U	0.64	0.38	0.17 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.035 U	0.037 U	0.037 U	0.077	0.047	0.034 J
Dibenzofuran	7	59	0.35 U	0.37 U	0.37 U	0.031 J	0.37 U	0.38 U
Diethyl Phthalate	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Dimethyl Phthalate	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.35 U	0.37 U	0.37 U	0.018 J	0.37 U	0.38 U
Di-N-Octylphthalate	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Fluoranthene	100	100	0.1 J	0.079 J	0.37 U	0.95	0.53	0.36 J
Fluorene	30	100	0.35 U	0.37 U	0.37 U	0.054 J	0.088 J	0.12 J
Hexachlorobenzene	0.33	1.2	0.035 U	0.037 U	0.037 U	0.039 U	0.037 U	0.038 U
Hexachlorobutadiene	NS	NS	0.071 U	0.076 U	0.075 U	0.079 U	0.075 U	0.078 U
Hexachlorocyclopentadiene	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Hexachloroethane	NS	NS	0.035 U	0.037 U	0.037 U	0.039 U	0.037 U	0.038 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.078	0.051	0.037 U	0.41	0.21	0.12
Isophorone	NS	NS	0.14 U	0.15 U	0.15 U	0.16 U	0.15 U	0.15 U
Naphthalene	12	100	0.0083 J	0.37 U	0.37 U	0.032 J	0.092 J	0.083 J
Nitrobenzene	NS	NS	0.035 U	0.037 U	0.037 U	0.039 U	0.037 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.035 U	0.037 U	0.037 U	0.039 U	0.037 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Pentachlorophenol	0.8	6.7	0.28 U	0.3 U	0.3 U	0.31 U	0.3 U	0.31 U
Phenanthrene	100	100	0.051 J	0.054 J	0.0087 J	0.81	0.78	0.33 J
Phenol	0.33	100	0.35 U	0.37 U	0.37 U	0.39 U	0.37 U	0.38 U
Pyrene	100	100	0.11 J	0.078 J	0.011 J	1.2	0.73	0.37 J

Table 2
Soil Analytical Results of Semivolatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-11_0-2_20220708	SB-11_2-4_20220708	SB-11_6-8_20220708	SB-12_0-2_20220708	SB-12_2-4_20220708
		Laboratory Sample ID	460-261584-21	460-261584-22	460-261584-23	460-261584-24	460-261584-25
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.036 U	0.041 U	0.04 U	0.039 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.14 U	0.16 U	0.16 U	0.16 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.14 U	0.16 U	0.16 U	0.16 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.29 U	0.33 U	0.32 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
2,6-Dinitrotoluene	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
2-Chloronaphthalene	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
2-Chlorophenol	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
2-Methylnaphthalene	NS	NS	0.36 U	0.36 U	0.022 J	0.018 J	0.028 J
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
2-Nitroaniline	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
2-Nitrophenol	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
3- And 4- Methylphenol (Total)	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.16 U	0.16 U	0.16 U
3-Nitroaniline	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 U	0.33 U	0.32 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
4-Chloroaniline	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
4-Nitroaniline	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
4-Nitrophenol	NS	NS	0.72 UT	0.73 UT	0.83 UT	0.82 U	0.79 UT
Acenaphthene	20	100	0.36 U	0.36 U	0.17 J	0.027 J	0.073 J
Acenaphthylene	100	100	0.36 U	0.36 U	0.077 J	0.032 J	0.059 J
Acetophenone	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Anthracene	100	100	0.36 U	0.36 U	0.41 U	0.073 J	0.27 J
Atrazine	NS	NS	0.14 U	0.14 U	0.16 U	0.16 U	0.16 U
Benzaldehyde	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Benzo(a)Anthracene	**1**	1	0.036 U	0.036 U	0.041 U	0.33	0.94
Benzo(a)Pyrene	**1**	1	0.046	0.036 U	0.041 U	0.33	0.9
Benzo(b)Fluoranthene	**1**	1	0.047	0.036 U	0.041 U	0.56	**1.3**
Benzo(g,h,i)Perylene	100	100	0.052 J	0.36 U	0.41 U	0.27 J	0.62
Benzo(k)Fluoranthene	**0.8**	3.9	0.014 J	0.036 U	0.041 U	0.21	0.42
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.41 U	0.034 J	0.39 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.036 U	0.041 U	0.04 U	0.039 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.36 U	0.41 U	0.3 J	0.032 J
Caprolactam	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Carbazole	NS	NS	0.36 U	0.36 U	0.41 U	0.045 J	0.2 J
Chrysene	**1**	3.9	0.023 J	0.36 U	0.017 J	0.42	0.97
Dibenz(a,h)Anthracene	**0.33**	0.33	0.036 U	0.036 U	0.041 U	0.051	0.18
Dibenzofuran	7	59	0.36 U	0.36 U	0.15 J	0.023 J	0.065 J
Diethyl Phthalate	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Dimethyl Phthalate	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.41 U	0.026 J	0.019 J
Di-N-Octylphthalate	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Fluoranthene	100	100	0.018 J	0.36 U	0.043 J	0.79	2.1
Fluorene	30	100	0.36 U	0.36 U	0.44	0.022 J	0.076 J
Hexachlorobenzene	0.33	1.2	0.036 U	0.036 U	0.041 U	0.04 U	0.039 U
Hexachlorobutadiene	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Hexachloroethane	NS	NS	0.036 U	0.036 U	0.041 U	0.04 U	0.039 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.051	0.036 U	0.041 U	0.39	**0.73**
Isophorone	NS	NS	0.14 U	0.14 U	0.16 U	0.16 U	0.16 U
Naphthalene	12	100	0.36 U	0.36 U	0.064 J	0.029 J	0.05 J
Nitrobenzene	NS	NS	0.036 U	0.036 U	0.041 U	0.04 U	0.039 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.036 U	0.041 U	0.04 U	0.039 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Pentachlorophenol	0.8	6.7	0.29 U	0.29 U	0.33 U	0.32 U	0.31 U
Phenanthrene	100	100	0.014 J	0.36 U	0.41 U	0.51	1.6
Phenol	0.33	100	0.36 U	0.36 U	0.41 U	0.4 U	0.39 U
Pyrene	100	100	0.018 J	0.36 U	0.14 J	0.74	1.7

Table 2
Soil Analytical Results of Semivolatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	FB-01_20220707	FB-02_20220708
		Laboratory Sample ID	460-261485-11	460-261584-11
		Date Sampled	7/07/2022	7/08/2022
		Unit	µg/L	µg/L
		Dilution Factor	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	10 U	10 U
1,4-Dioxane (P-Dioxane)	0.1	13	10 U	10 U
2,3,4,6-Tetrachlorophenol	NS	NS	10 U	10 U
2,4,5-Trichlorophenol	NS	NS	10 U	10 U
2,4,6-Trichlorophenol	NS	NS	10 U	10 U
2,4-Dichlorophenol	NS	NS	10 U	10 U
2,4-Dimethylphenol	NS	NS	10 U	10 U
2,4-Dinitrophenol	NS	NS	20 U	20 U
2,4-Dinitrotoluene	NS	NS	2 U	2 U
2,6-Dinitrotoluene	NS	NS	2 U	2 U
2-Chloronaphthalene	NS	NS	10 U	10 U
2-Chlorophenol	NS	NS	10 U	10 U
2-Methylnaphthalene	NS	NS	10 U	10 U
2-Methylphenol (O-Cresol)	0.33	100	10 U	10 U
2-Nitroaniline	NS	NS	10 U	10 U
2-Nitrophenol	NS	NS	10 U	10 U
3- And 4- Methylphenol (Total)	NS	NS	10 U	10 U
3,3'-Dichlorobenzidine	NS	NS	10 U	10 U
3-Nitroaniline	NS	NS	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	NS	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	NS	10 U	10 U
4-Chloro-3-Methylphenol	NS	NS	10 U	10 U
4-Chloroaniline	NS	NS	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	NS	10 U	10 U
4-Methylphenol (P-Cresol)	0.33	100	10 U	10 U
4-Nitroaniline	NS	NS	10 U	10 U
4-Nitrophenol	NS	NS	20 U	20 U
Acenaphthene	20	100	10 U	10 U
Acenaphthylene	100	100	10 U	10 U
Acetophenone	NS	NS	10 U	10 U
Anthracene	100	100	10 U	10 U
Atrazine	NS	NS	2 U	2 UT
Benzaldehyde	NS	NS	10 U	10 U
Benzo(a)Anthracene	**1**	1	1 U	1 U
Benzo(a)Pyrene	**1**	1	1 U	1 U
Benzo(b)Fluoranthene	**1**	1	2 U	2 U
Benzo(g,h,i)Perylene	100	100	10 U	10 U
Benzo(k)Fluoranthene	**0.8**	3.9	1 U	1 U
Benzyl Butyl Phthalate	NS	NS	10 U	10 U
Biphenyl (Diphenyl)	NS	NS	10 U	10 U
Bis(2-Chloroethoxy) Methane	NS	NS	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	1 U	1 U
Bis(2-Chloroisopropyl) Ether	NS	NS	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	2 U	2 U
Caprolactam	NS	NS	10 U	10 U
Carbazole	NS	NS	10 U	10 U
Chrysene	**1**	3.9	2 U	2 U
Dibenz(a,h)Anthracene	**0.33**	0.33	1 U	1 U
Dibenzofuran	7	59	10 U	10 U
Diethyl Phthalate	NS	NS	10 U	10 U
Dimethyl Phthalate	NS	NS	10 U	10 U
Di-N-Butyl Phthalate	NS	NS	10 U	10 U
Di-N-Octylphthalate	NS	NS	10 U	10 U
Fluoranthene	100	100	10 U	10 U
Fluorene	30	100	10 U	10 U
Hexachlorobenzene	0.33	1.2	1 U	1 U
Hexachlorobutadiene	NS	NS	1 U	1 U
Hexachlorocyclopentadiene	NS	NS	10 U	10 U
Hexachloroethane	NS	NS	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	2 U	2 U
Isophorone	NS	NS	10 U	10 U
Naphthalene	12	100	2 U	2 U
Nitrobenzene	NS	NS	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	NS	1 U	1 U
N-Nitrosodiphenylamine	NS	NS	10 U	10 U
Pentachlorophenol	0.8	6.7	20 U	20 U
Phenanthrene	100	100	10 U	10 U
Phenol	0.33	100	10 U	10 U
Pyrene	100	100	10 U	10 U

Table 3
Soil Analytical Results of Metals (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-01_0-2_20220707	SB-01_4-6_20220707	SB-01_4-6_20220707	SB-01_6-8_20220707	SB-02_0-2_20220707	SB-02_2-4_20220707
		Laboratory Sample ID	460-261485-1	460-261485-2	460-261485-2	460-261485-3	460-261485-4	460-261485-5
		Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	5	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	5,560	6,160	NR	8,210	5,790	8,340
Antimony	NS	NS	0.53 J	NR	44.2	1.2	0.43 J	0.31 J
Arsenic	**13**	16	5.8	**19.4**	NR	1.9	2.2	3.9
Barium	350	400	92.7	78.4	NR	43.3	31.2	75.2
Beryllium	7.2	72	0.42 J	0.39 J	NR	0.48	0.17 J	0.4
Cadmium	2.5	4.3	0.97 J	0.27 J	NR	1 U	0.18 J	0.23 J
Calcium	NS	NS	14,500	49,700	NR	14,900	44,200	13,700
Chromium, Hexavalent	**1**	110	2.3 U	2.3 U	NR	2.2 U	**11.1**	2.2 U
Chromium, Total	NS	NS	7.2	24.7	NR	16.8	23.2	15.4
Cobalt	NS	NS	4.1	8.3	NR	6.8	6.3	6.4
Copper	**50**	270	**70.2**	**107**	NR	22.5	32.4	**78.7**
Iron	NS	NS	8,960	32,000	NR	13,100	16,800	12,600
Lead	**63**	400	**134**	**702**	NR	43.2	27.3	32
Magnesium	NS	NS	5,630	3,040	NR	11,400	4,050	3,030
Manganese	1,600	2,000	157	266	NR	315	218	329
Mercury	**0.18**	0.81	0.18	0.043	NR	0.014 J	0.04	0.052
Nickel	30	310	10.2	27.5	NR	13.1	11.7	15
Potassium	NS	NS	612	860	NR	2,050	563	889
Selenium	**3.9**	180	0.78 J	0.64 J	NR	1.3 U	1.3 U	0.39 J
Silver	2	180	0.17 J	0.12 J	NR	0.41 U	0.42 U	0.4 U
Sodium	NS	NS	389	464	NR	450	449	278
Thallium	NS	NS	0.12 J	0.1 J	NR	0.14 J	0.42 U	0.097 J
Vanadium	NS	NS	22.9	29.3	NR	23.1	35.8	18.9
Zinc	**109**	10,000	**134**	**124**	NR	48.7	39.3	69.9

Table 3
Soil Analytical Results of Metals (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-03_0-2_20220707	SB-03_0-2_20220707	SB-03_2-4_20220707	SB-03_2-4_20220707	SB-X01_2-4_20220707	SB-X01_2-4_20220707
		Laboratory Sample ID	460-261485-6	460-261485-6	460-261485-7	460-261485-7	460-261485-9	460-261485-9
		Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	5	1	5	1	5
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,050	NR	NR	8,340	6,170	NR
Antimony	NS	NS	0.53 J	NR	11.9	NR	NR	47.3
Arsenic	**13**	16	2.7	NR	2.3	NR	5.3	NR
Barium	350	400	52	NR	29.2	NR	23.8	NR
Beryllium	7.2	72	0.28 J	NR	0.27 J	NR	0.26 J	NR
Cadmium	2.5	4.3	1.1 U	NR	1.1 U	NR	0.16 J	NR
Calcium	NS	NS	NR	84,200	1,320	NR	844	NR
Chromium, Hexavalent	**1**	110	**15.4**	NR	2.2 U	NR	2.3 U	NR
Chromium, Total	NS	NS	33.2	NR	9.6	NR	8.2	NR
Cobalt	NS	NS	3.4	NR	4.3	NR	4.2	NR
Copper	**50**	270	**65**	NR	**248**	NR	NR	**3,730**
Iron	NS	NS	7,950	NR	NR	15,500	10,800	NR
Lead	**63**	400	34.1	NR	NR	**208**	**1,310**	NR
Magnesium	NS	NS	4,280	NR	2,850	NR	2,480	NR
Manganese	1,600	2,000	175	NR	220	NR	201	NR
Mercury	**0.18**	0.81	0.0091 J	NR	0.015 J	NR	0.092	NR
Nickel	30	310	13.9	NR	10.2	NR	14.2	NR
Potassium	NS	NS	400	NR	707	NR	561	NR
Selenium	**3.9**	180	1.3 U	NR	1.4 U	NR	0.17 J	NR
Silver	2	180	0.42 U	NR	0.45 U	NR	1.5	NR
Sodium	NS	NS	366	NR	240	NR	223	NR
Thallium	NS	NS	0.42 U	NR	0.45 U	NR	0.44 U	NR
Vanadium	NS	NS	22.1	NR	11	NR	9.9	NR
Zinc	**109**	10,000	29.6	NR	48.4	NR	**125**	NR

Table 3
Soil Analytical Results of Metals (Lots 1, 34 and 38)
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		AKRF Sample ID	SB-03_5-7_20220707	SB-04_0-2_20220707	SB-04_2-4_20220707	SB-04_5-7_20220707	SB-05_0-2_20220708	SB-05_2-4_20220708
		Laboratory Sample ID	460-261485-8	460-261485-12	460-261485-13	460-261485-14	460-261584-1	460-261584-2
		Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,030	7,900	9,700	9,400	4,800	2,810
Antimony	NS	NS	1.1 U	0.51 J	1.1 U	1.1 U	1.1 U	0.21 J
Arsenic	**13**	16	1.8	2.6	2.1	2.3	3	2.8
Barium	350	400	27.6	53.2	67.3	65.7	44.7	39.1
Beryllium	7.2	72	0.27 J	0.33 J	0.38 J	0.32 J	0.25 J	0.22 J
Cadmium	2.5	4.3	1.1 U	1 U	1.1 U	1.1 U	1.1 U	1.1 U
Calcium	NS	NS	9,320	14,800	1,590	3,640	51,100	13,000
Chromium, Hexavalent	**1**	110	2.3 U	2.2 U	2.3 U	2.3 U	2.2 U	2.2 U
Chromium, Total	NS	NS	10.2	12.8	14.4	15.8	8.1	8.8
Cobalt	NS	NS	4	5.2	5.4	5.9	3.3	4.1
Copper	**50**	270	9.3	35.8	14.9	30.6	19.2	11.4
Iron	NS	NS	9,630	12,100	13,300	13,600	9,990	11,700
Lead	**63**	400	9	**97.4**	34.4	35.1	24.2	27.6
Magnesium	NS	NS	3,800	2,980	3,430	3,720	18,000	3,300
Manganese	1,600	2,000	199	241	312	311	429	172
Mercury	**0.18**	0.81	0.027	**0.55**	0.085	0.037	**0.19**	0.015 J
Nickel	30	310	9.4	11.8	11	12.4	9.6	9
Potassium	NS	NS	737	840	1,010	1,990	1,160	628
Selenium	**3.9**	180	1.3 U	0.23 J	0.18 J	0.17 J	0.16 J	1.4 U
Silver	2	180	0.43 U	0.4 U	0.44 U	0.46 U	0.43 U	0.44 U
Sodium	NS	NS	997	1,020	420	320	322	131
Thallium	NS	NS	0.43 U	0.057 J	0.078 J	0.11 J	0.43 U	0.44 U
Vanadium	NS	NS	11.6	16.2	18.8	19.5	12.9	15.4
Zinc	**109**	10,000	24.2	40.2	38.3	44.5	26.3	18.5

Table 3
Soil Analytical Results of Metals (Lots 1, 34 and 38)
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		AKRF Sample ID	SB-06_0-2_20220708	SB-06_0-2_20220708	SB-X02_0-2_20220708	SB-06_2-4_20220708	SB-06_6-8_20220708	SB-06_6-8_20220708
		Laboratory Sample ID	460-261584-3	460-261584-3	460-261584-9	460-261584-4	460-261584-5	460-261584-5
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	5	1	1	1	3
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	3,860	NR	4,930	4,710	6,130	NR
Antimony	NS	NS	0.55 J	NR	0.72 J	0.87 J	0.58 J	NR
Arsenic	**13**	16	2.7	NR	**15.1**	8.9	**88.1**	NR
Barium	350	400	82.8	NR	252	174	103	NR
Beryllium	7.2	72	0.2 J	NR	0.45	0.37 J	0.67	NR
Cadmium	2.5	4.3	0.76 J	NR	1.1	0.83 J	0.38 J	NR
Calcium	NS	NS	NR	77,700	39,100	26,900	29,800	NR
Chromium, Hexavalent	**1**	110	2.1 U	NR	2.1 U	2.2 U	2.6 U	NR
Chromium, Total	NS	NS	12.6	NR	15	15.7	16.1	NR
Cobalt	NS	NS	3.2	NR	5.1	4.5	4.8	NR
Copper	**50**	270	**116**	NR	**122**	**116**	44.5	NR
Iron	NS	NS	9,250	NR	19,300	32,300	13,200	NR
Lead	**63**	400	**137**	NR	**505**	**433**	**186**	NR
Magnesium	NS	NS	33,200	NR	3,950	4,360	2,140	NR
Manganese	1,600	2,000	132	NR	167	185	83.2	NR
Mercury	**0.18**	0.81	**0.23**	NR	**0.42**	**0.41**	NR	**1.2**
Nickel	30	310	12.6	NR	17.8	16.1	13.3	NR
Potassium	NS	NS	979	NR	886	1,370	953	NR
Selenium	**3.9**	180	0.22 J	NR	0.82 J	0.76 J	**13.9**	NR
Silver	2	180	0.9	NR	0.58	0.21 J	0.25 J	NR
Sodium	NS	NS	162	NR	160	110	112 J	NR
Thallium	NS	NS	0.052 J	NR	0.25 J	0.17 J	2	NR
Vanadium	NS	NS	34.3	NR	33	26.5	22.7	NR
Zinc	**109**	10,000	**162**	NR	**328**	**285**	104	NR

Table 3
Soil Analytical Results of Metals (Lots 1, 34 and 38)
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		AKRF Sample ID	SB-07_0-2_20220708	SB-07_2-4_20220708	SB-07_6-8_20220708	SB-08_0-2_20220708	SB-08_0-2_20220708	SB-08_2-4_20220708
		Laboratory Sample ID	460-261584-6	460-261584-7	460-261584-8	460-261584-12	460-261584-12	460-261584-13
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	10	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	4,220	5,920	6,580	2,640	NR	2,600
Antimony	NS	NS	0.85 J	0.25 J	1.1 U	0.55 J	NR	0.25 J
Arsenic	**13**	16	7.7	2.9	2.1	12.7	NR	2.3
Barium	350	400	207	48.3	69.1	141	NR	38
Beryllium	7.2	72	0.33 J	0.31 J	0.39 J	0.25 J	NR	0.12 J
Cadmium	2.5	4.3	0.4 J	0.13 J	1.1 U	0.69 J	NR	0.27 J
Calcium	NS	NS	8,410	1,230	33,500	NR	199,000	NR
Chromium, Hexavalent	**1**	110	2.2 U	2.1 U	2.2 U	2.3 U	NR	2.1 U
Chromium, Total	NS	NS	14.1	13.3	14.3	15.2	NR	7.4
Cobalt	NS	NS	5.1	5.2	5.7	4.2	NR	2.3
Copper	**50**	270	**998**	33.4	21.5	**70.2**	NR	12.9
Iron	NS	NS	12,100	12,400	11,500	14,000	NR	5,370
Lead	**63**	400	**350**	**115**	55.9	**309**	NR	**141**
Magnesium	NS	NS	3,750	2,560	17,600	2,370	NR	4,600
Manganese	1,600	2,000	163	245	312	137	NR	131
Mercury	**0.18**	0.81	**0.35**	**0.26**	**0.7**	**0.2**	NR	0.085
Nickel	30	310	19.8	13	11.5	12	NR	6
Potassium	NS	NS	782	1,340	1,660	544	NR	548
Selenium	**3.9**	180	0.59 J	0.2 J	0.19 J	1.4	NR	0.26 J
Silver	2	180	1.4	0.41 U	0.43 U	0.12 J	NR	0.41 U
Sodium	NS	NS	223	128	193	731	NR	152
Thallium	NS	NS	0.27 J	0.12 J	0.13 J	0.19 J	NR	0.074 J
Vanadium	NS	NS	14.4	16.4	20	9.2	NR	8.2
Zinc	**109**	10,000	**328**	58.9	55.6	**218**	NR	**124**

Table 3
Soil Analytical Results of Metals (Lots 1, 34 and 38)
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		AKRF Sample ID	SB-08_2-4_20220708	SB-08_6-8_20220708	SB-09_0-2_20220708	SB-09_0-2_20220708	SB-09_2-4_20220708	SB-09_6-8_20220708
		Laboratory Sample ID	460-261584-13	460-261584-14	460-261584-15	460-261584-15	460-261584-16	460-261584-17
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	10	1	1	5	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	5,180	4,860	NR	8,770	10,500
Antimony	NS	NS	NR	0.32 J	1 U	NR	1.1	1.1 U
Arsenic	**13**	16	NR	6.2	1.3	NR	2.8	2.4
Barium	350	400	NR	82.4	73.2	NR	106	52.6
Beryllium	7.2	72	NR	0.44 J	0.35 J	NR	0.7	0.5
Cadmium	2.5	4.3	NR	0.17 J	1 U	NR	0.29 J	1.1 U
Calcium	NS	NS	189,000	25,900	NR	88,300	28,700	13,000
Chromium, Hexavalent	**1**	110	NR	2.3 U	2.1 U	NR	2.2 U	2.2 U
Chromium, Total	NS	NS	NR	9.1	11	NR	16.5	17.8
Cobalt	NS	NS	NR	5	3.7	NR	6.6	8.4
Copper	**50**	270	NR	27	16	NR	31.9	15.3
Iron	NS	NS	NR	9,790	8,120	NR	36,200	14,700
Lead	**63**	400	NR	**107**	36.6	NR	**980**	26.2
Magnesium	NS	NS	NR	11,600	12,700	NR	13,500	9,830
Manganese	1,600	2,000	NR	248	279	NR	389	272
Mercury	**0.18**	0.81	NR	**0.28**	0.065	NR	**0.28**	0.089
Nickel	30	310	NR	10.8	17.3	NR	15.3	14.4
Potassium	NS	NS	NR	735	806	NR	2,590	1,230
Selenium	**3.9**	180	NR	1.5	1.3 U	NR	0.36 J	0.3 J
Silver	2	180	NR	0.11 J	0.41 U	NR	0.42 U	0.45 U
Sodium	NS	NS	NR	249	1,990	NR	1,620	253
Thallium	NS	NS	NR	0.12 J	0.41 U	NR	0.28 J	0.14 J
Vanadium	NS	NS	NR	17.4	13.9	NR	20.6	23.7
Zinc	**109**	10,000	NR	**117**	51.3	NR	**164**	46.4

Table 3
Soil Analytical Results of Metals (Lots 1, 34 and 38)
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		AKRF Sample ID	SB-10_0-2_20220708	SB-10_0-2_20220708	SB-10_2-4_20220708	SB-10_6-8_20220708	SB-10_6-8_20220708	SB-11_0-2_20220708
		Laboratory Sample ID	460-261584-18	460-261584-18	460-261584-19	460-261584-20	460-261584-20	460-261584-21
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	20	1	1	5	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	2,340	NR	9,910	9,020	NR	9,230
Antimony	NS	NS	0.28 J	NR	0.16 J	0.16 J	NR	1 U
Arsenic	**13**	16	3.3	NR	2.7	2.2	NR	3.9
Barium	350	400	89.9	NR	74.4	44.7	NR	111
Beryllium	7.2	72	0.16 J	NR	0.43	0.46	NR	0.51
Cadmium	2.5	4.3	0.48 J	NR	0.25 J	1.1 U	NR	1 U
Calcium	NS	NS	NR	238,000	46,300	26,500	NR	NR
Chromium, Hexavalent	**1**	110	2.3 U	NR	2.2 U	2.3 U	NR	2.1 U
Chromium, Total	NS	NS	11.1	NR	20.5	16.3	NR	11.7
Cobalt	NS	NS	1.9 J	NR	7.2	6.8	NR	4.2
Copper	**50**	270	27.8	NR	43.7	17.9	NR	41.8
Iron	NS	NS	5,380	NR	15,600	13,700	NR	9,650
Lead	**63**	400	**199**	NR	56.5	50.1	NR	22.4
Magnesium	NS	NS	2,650	NR	6,780	16,700	NR	7,110
Manganese	1,600	2,000	102	NR	308	309	NR	371
Mercury	**0.18**	0.81	0.12	NR	0.11	NR	**2.6**	0.045
Nickel	30	310	5.5	NR	16.7	13.2	NR	12.3
Potassium	NS	NS	496	NR	1,770	1,380	NR	1,620
Selenium	**3.9**	180	0.31 J	NR	0.43 J	0.15 J	NR	0.35 J
Silver	2	180	0.46 U	NR	0.41 U	0.45 U	NR	0.4 U
Sodium	NS	NS	345	NR	147	173	NR	407
Thallium	NS	NS	0.092 J	NR	0.2 J	0.15 J	NR	0.075 J
Vanadium	NS	NS	8.6	NR	27	23.6	NR	18.8
Zinc	**109**	10,000	**172**	NR	**122**	49.1	NR	34.7

Table 3
Soil Analytical Results of Metals (Lots 1, 34 and 38)
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		AKRF Sample ID	SB-11_0-2_20220708	SB-11_2-4_20220708	SB-11_2-4_20220708	SB-11_6-8_20220708	SB-12_0-2_20220708	SB-12_0-2_20220708
		Laboratory Sample ID	460-261584-21	460-261584-22	460-261584-22	460-261584-23	460-261584-24	460-261584-24
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	5	1	5	1	1	5
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	7,740	NR	7,590	9,050	NR
Antimony	NS	NS	NR	1.1 U	NR	1.5	1.2 U	NR
Arsenic	**13**	16	NR	2.2	NR	1.5	3.1	NR
Barium	350	400	NR	38	NR	47.4	72.8	NR
Beryllium	7.2	72	NR	0.37 J	NR	0.41 J	0.36 J	NR
Cadmium	2.5	4.3	NR	1.1 U	NR	1.2 U	0.21 J	NR
Calcium	NS	NS	81,300	20,000	NR	57,200	NR	94,500
Chromium, Hexavalent	**1**	110	NR	2.2 U	NR	2.5 U	2.4 U	NR
Chromium, Total	NS	NS	NR	19.5	NR	14.8	17.5	NR
Cobalt	NS	NS	NR	5.3	NR	6.9	5.7	NR
Copper	**50**	270	NR	12.7	NR	31.3	38.4	NR
Iron	NS	NS	NR	13,700	NR	12,500	14,100	NR
Lead	**63**	400	NR	15.6	NR	**243**	43.4	NR
Magnesium	NS	NS	NR	7,290	NR	29,100	6,210	NR
Manganese	1,600	2,000	NR	272	NR	298	326	NR
Mercury	**0.18**	0.81	NR	NR	**1.5**	**0.44**	**0.42**	NR
Nickel	30	310	NR	10.4	NR	12.6	10	NR
Potassium	NS	NS	NR	803	NR	1,570	1,460	NR
Selenium	**3.9**	180	NR	0.16 J	NR	0.15 J	0.22 J	NR
Silver	2	180	NR	0.44 U	NR	0.48 U	0.25 J	NR
Sodium	NS	NS	NR	112	NR	145	876	NR
Thallium	NS	NS	NR	0.092 J	NR	0.16 J	0.053 J	NR
Vanadium	NS	NS	NR	19.6	NR	20.1	41.5	NR
Zinc	**109**	10,000	NR	30.4	NR	67.3	61.9	NR

Table 3
Soil Analytical Results of Metals (Lots 1, 34 and 38)
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		AKRF Sample ID	SB-12_2-4_20220708	FB-01_20220707	FB-02_20220708
		Laboratory Sample ID	460-261584-25	460-261485-11	460-261584-11
		Date Sampled	7/08/2022	7/07/2022	7/08/2022
		Unit	mg/kg	µg/L	µg/L
		Dilution Factor	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	4,840	40 U	40 U
Antimony	NS	NS	0.2 J	2 U	2 U
Arsenic	**13**	16	2.2	2 U	2 U
Barium	350	400	75.9	4 U	4 U
Beryllium	7.2	72	0.39 J	0.8 U	0.8 U
Cadmium	2.5	4.3	0.83 J	2 U	2 U
Calcium	NS	NS	3,060	500 U	500 U
Chromium, Hexavalent	**1**	110	2.4 U	10 U	10 U
Chromium, Total	NS	NS	14.6	4 U	4 U
Cobalt	NS	NS	4.7	4 U	4 U
Copper	**50**	270	**79.2**	4 U	4 U
Iron	NS	NS	11,000	120 U	120 U
Lead	**63**	400	**83.6**	1.2 U	1.2 U
Magnesium	NS	NS	3,490	200 U	200 U
Manganese	1,600	2,000	166	8 U	8 U
Mercury	**0.18**	0.81	**0.19**	0.2 U	0.2 U
Nickel	30	310	12	1.7 J	4 U
Potassium	NS	NS	701	200 U	200 U
Selenium	**3.9**	180	0.18 J	2.5 U	2.5 U
Silver	2	180	0.33 J	2 U	2 U
Sodium	NS	NS	77.9 J	500 U	500 U
Thallium	NS	NS	0.065 J	0.8 U	0.8 U
Vanadium	NS	NS	27.5	4 U	4 U
Zinc	**109**	10,000	95.3	16 U	16 U

Table 4
Soil Analytical Results of Polychlorinated Biphenyls (Lots 1, 34 and 38)
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		AKRF Sample ID	SB-01_0-2_20220707	SB-01_4-6_20220707	SB-01_6-8_20220707	SB-02_0-2_20220707	SB-02_2-4_20220707
		Laboratory Sample ID	460-261485-1	460-261485-2	460-261485-3	460-261485-4	460-261485-5
		Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.076 U	0.075 U	0.075 U	0.075 U	0.073 U
PCB-1221 (Aroclor 1221)	NS	NS	0.076 U	0.075 U	0.075 U	0.075 U	0.073 U
PCB-1232 (Aroclor 1232)	NS	NS	0.076 U	0.075 U	0.075 U	0.075 U	0.073 U
PCB-1242 (Aroclor 1242)	NS	NS	0.076 U	0.075 U	0.075 U	0.075 U	0.073 U
PCB-1248 (Aroclor 1248)	NS	NS	0.076 U	0.075 U	0.075 U	0.075 U	0.073 U
PCB-1254 (Aroclor 1254)	NS	NS	0.076 U	0.075 U	0.075 U	0.075 U	0.073 U
PCB-1260 (Aroclor 1260)	NS	NS	0.076 U	0.075 U	0.075 U	0.075 U	0.073 U
PCB-1262 (Aroclor 1262)	NS	NS	0.076 U	0.075 U	0.075 U	0.075 U	0.073 U
PCB-1268 (Aroclor 1268)	NS	NS	0.076 U	0.075 U	0.075 U	0.075 U	0.073 U
Total PCBs	0.1	1	0.076 U	0.075 U	0.075 U	0.075 U	0.073 U

Table 4
Soil Analytical Results of Polychlorinated Biphenyls (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-03_0-2_20220707	SB-03_2-4_20220707	SB-X01_2-4_20220707	SB-03_5-7_20220707	SB-04_0-2_20220707
		Laboratory Sample ID	460-261485-6	460-261485-7	460-261485-9	460-261485-8	460-261485-12
		Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.072 U	0.075 U	0.076 U	0.078 U	0.074 U
PCB-1221 (Aroclor 1221)	NS	NS	0.072 U	0.075 U	0.076 U	0.078 U	0.074 U
PCB-1232 (Aroclor 1232)	NS	NS	0.072 U	0.075 U	0.076 U	0.078 U	0.074 U
PCB-1242 (Aroclor 1242)	NS	NS	0.072 U	0.075 U	0.076 U	0.078 U	0.074 U
PCB-1248 (Aroclor 1248)	NS	NS	0.072 U	0.075 U	0.076 U	0.078 U	0.074 U
PCB-1254 (Aroclor 1254)	NS	NS	0.072 U	0.075 U	0.076 U	0.078 U	0.074 U
PCB-1260 (Aroclor 1260)	NS	NS	0.072 U	0.075 U	0.076 U	0.078 U	0.074 U
PCB-1262 (Aroclor 1262)	NS	NS	0.072 U	0.075 U	0.076 U	0.078 U	0.074 U
PCB-1268 (Aroclor 1268)	NS	NS	0.072 U	0.075 U	0.076 U	0.078 U	0.074 U
Total PCBs	0.1	1	0.072 U	0.075 U	0.076 U	0.078 U	0.074 U

Table 4
Soil Analytical Results of Polychlorinated Biphenyls (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-04_2-4_20220707	SB-04_5-7_20220707	SB-05_0-2_20220708	SB-05_2-4_20220708	SB-06_0-2_20220708
		Laboratory Sample ID	460-261485-13	460-261485-14	460-261584-1	460-261584-2	460-261584-3
		Date Sampled	7/07/2022	7/07/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.078 U	0.078 U	0.076 U	0.075 U	0.073 U
PCB-1221 (Aroclor 1221)	NS	NS	0.078 U	0.078 U	0.076 U	0.075 U	0.073 U
PCB-1232 (Aroclor 1232)	NS	NS	0.078 U	0.078 U	0.076 U	0.075 U	0.073 U
PCB-1242 (Aroclor 1242)	NS	NS	0.078 U	0.078 U	0.076 U	0.075 U	0.073 U
PCB-1248 (Aroclor 1248)	NS	NS	0.078 U	0.078 U	0.076 U	0.075 U	0.073 U
PCB-1254 (Aroclor 1254)	NS	NS	0.078 U	0.078 U	0.076 U	0.075 U	0.073 U
PCB-1260 (Aroclor 1260)	NS	NS	0.078 U	0.078 U	0.076 U	0.075 U	0.073 U
PCB-1262 (Aroclor 1262)	NS	NS	0.078 U	0.078 U	0.076 U	0.075 U	0.073 U
PCB-1268 (Aroclor 1268)	NS	NS	0.078 U	0.078 U	0.076 U	0.075 U	0.073 U
Total PCBs	0.1	1	0.078 U	0.078 U	0.076 U	0.075 U	0.073 U

Table 4
Soil Analytical Results of Polychlorinated Biphenyls (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-X02_0-2_20220708	SB-06_2-4_20220708	SB-06_6-8_20220708	SB-07_0-2_20220708	SB-07_2-4_20220708
		Laboratory Sample ID	460-261584-9	460-261584-4	460-261584-5	460-261584-6	460-261584-7
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.071 U	0.075 U	0.09 U	0.076 U	0.072 U
PCB-1221 (Aroclor 1221)	NS	NS	0.071 U	0.075 U	0.09 U	0.076 U	0.072 U
PCB-1232 (Aroclor 1232)	NS	NS	0.071 U	0.075 U	0.09 U	0.076 U	0.072 U
PCB-1242 (Aroclor 1242)	NS	NS	0.071 U	0.075 U	0.09 U	0.076 U	0.072 U
PCB-1248 (Aroclor 1248)	NS	NS	0.071 U	0.075 U	0.09 U	0.076 U	0.072 U
PCB-1254 (Aroclor 1254)	NS	NS	0.071 U	0.075 U	0.09 U	0.076 U	0.072 U
PCB-1260 (Aroclor 1260)	NS	NS	0.071 U	0.075 U	0.09 U	0.076 U	0.072 U
PCB-1262 (Aroclor 1262)	NS	NS	0.071 U	0.075 U	0.09 U	0.076 U	0.072 U
PCB-1268 (Aroclor 1268)	NS	NS	0.071 U	0.075 U	0.09 U	0.076 U	0.072 U
Total PCBs	0.1	1	0.071 U	0.075 U	0.09 U	0.076 U	0.072 U

Table 4
Soil Analytical Results of Polychlorinated Biphenyls (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-07_6-8_20220708	SB-08_0-2_20220708	SB-08_2-4_20220708	SB-08_6-8_20220708	SB-09_0-2_20220708
		Laboratory Sample ID	460-261584-8	460-261584-12	460-261584-13	460-261584-14	460-261584-15
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.075 U	0.077 U	0.072 U	0.08 U	0.071 U
PCB-1221 (Aroclor 1221)	NS	NS	0.075 U	0.077 U	0.072 U	0.08 U	0.071 U
PCB-1232 (Aroclor 1232)	NS	NS	0.075 U	0.077 U	0.072 U	0.08 U	0.071 U
PCB-1242 (Aroclor 1242)	NS	NS	0.075 U	0.077 U	0.072 U	0.08 U	0.071 U
PCB-1248 (Aroclor 1248)	NS	NS	0.075 U	0.077 U	0.072 U	0.08 U	0.071 U
PCB-1254 (Aroclor 1254)	NS	NS	0.075 U	0.077 U	0.072 U	0.08 U	0.071 U
PCB-1260 (Aroclor 1260)	NS	NS	0.075 U	0.077 U	0.072 U	0.08 U	0.071 U
PCB-1262 (Aroclor 1262)	NS	NS	0.075 U	0.077 U	0.072 U	0.08 U	0.071 U
PCB-1268 (Aroclor 1268)	NS	NS	0.075 U	0.077 U	0.072 U	0.08 U	0.071 U
Total PCBs	0.1	1	0.075 U	0.077 U	0.072 U	0.08 U	0.071 U

Table 4
Soil Analytical Results of Polychlorinated Biphenyls (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-09_2-4_20220708	SB-09_6-8_20220708	SB-10_0-2_20220708	SB-10_2-4_20220708	SB-10_6-8_20220708
		Laboratory Sample ID	460-261584-16	460-261584-17	460-261584-18	460-261584-19	460-261584-20
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.076 U	0.075 U	0.079 U	0.074 U	0.077 U
PCB-1221 (Aroclor 1221)	NS	NS	0.076 U	0.075 U	0.079 U	0.074 U	0.077 U
PCB-1232 (Aroclor 1232)	NS	NS	0.076 U	0.075 U	0.079 U	0.074 U	0.077 U
PCB-1242 (Aroclor 1242)	NS	NS	0.076 U	0.075 U	0.079 U	0.074 U	0.077 U
PCB-1248 (Aroclor 1248)	NS	NS	0.076 U	0.075 U	0.079 U	0.074 U	0.077 U
PCB-1254 (Aroclor 1254)	NS	NS	0.076 U	0.075 U	0.079 U	0.074 U	0.077 U
PCB-1260 (Aroclor 1260)	NS	NS	0.076 U	0.075 U	0.079 U	0.074 U	0.077 U
PCB-1262 (Aroclor 1262)	NS	NS	0.076 U	0.075 U	0.079 U	0.074 U	0.077 U
PCB-1268 (Aroclor 1268)	NS	NS	0.076 U	0.075 U	0.079 U	0.074 U	0.077 U
Total PCBs	0.1	1	0.076 U	0.075 U	0.079 U	0.074 U	0.077 U

Table 4
Soil Analytical Results of Polychlorinated Biphenyls (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-11_0-2_20220708	SB-11_2-4_20220708	SB-11_6-8_20220708	SB-12_0-2_20220708	SB-12_2-4_20220708
		Laboratory Sample ID	460-261584-21	460-261584-22	460-261584-23	460-261584-24	460-261584-25
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
PCB-1221 (Aroclor 1221)	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
PCB-1232 (Aroclor 1232)	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
PCB-1242 (Aroclor 1242)	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
PCB-1248 (Aroclor 1248)	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
PCB-1254 (Aroclor 1254)	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
PCB-1260 (Aroclor 1260)	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
PCB-1262 (Aroclor 1262)	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
PCB-1268 (Aroclor 1268)	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U
Total PCBs	0.1	1	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U

Table 4
Soil Analytical Results of Polychlorinated Biphenyls (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	FB-01_20220707	FB-02_20220708
		Laboratory Sample ID	460-261485-11	460-261584-11
		Date Sampled	7/07/2022	7/08/2022
		Unit	µg/L	µg/L
		Dilution Factor	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	NS	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	NS	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	NS	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	NS	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	NS	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	NS	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	NS	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	NS	0.4 U	0.4 U
Total PCBs	0.1	1	0.4 U	0.4 U

Table 5
Soil Analytical Results of Pesticides (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-01_0-2_20220707	SB-01_4-6_20220707	SB-01_6-8_20220707	SB-02_0-2_20220707	SB-02_2-4_20220707
		Laboratory Sample ID	460-261485-1	460-261485-2	460-261485-3	460-261485-4	460-261485-5
		Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0023 U	0.0022 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0023 U	0.0022 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
cis-Chlordane	0.094	4.2	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0023 U	0.0022 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0023 U	0.0023 U	0.0022 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
Endrin Aldehyde	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
Endrin Ketone	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0023 U	0.0022 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
Heptachlor Epoxide	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
Methoxychlor	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
P,P'-DDD	**0.0033**	13	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
P,P'-DDE	**0.0033**	8.9	0.0076 U	0.0075 U	0.0075 U	0.0025 J	0.0073 U
P,P'-DDT	**0.0033**	7.9	0.0076 U	0.0075 U	0.0075 U	0.0075 U	0.0073 U
Toxaphene	NS	NS	0.076 U	0.075 U	0.075 U	0.075 U	0.073 U

Table 5
Soil Analytical Results of Pesticides (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-03_0-2_20220707	SB-03_2-4_20220707	SB-X01_2-4_20220707	SB-03_5-7_20220707	SB-04_0-2_20220707
		Laboratory Sample ID	460-261485-6	460-261485-7	460-261485-9	460-261485-8	460-261485-12
		Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0021 U	0.0022 U	0.0023 U	0.0023 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0021 U	0.0022 U	0.0023 U	0.0023 U	0.0022 U
Beta Endosulfan	NS	NS	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
cis-Chlordane	0.094	4.2	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0021 U	0.0022 U	0.0023 U	0.0023 U	0.0022 U
Dieldrin	0.005	0.2	0.0021 U	0.0022 U	0.0023 U	0.0023 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
Endrin Aldehyde	NS	NS	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
Endrin Ketone	NS	NS	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
Gamma Bhc (Lindane)	0.1	1.3	0.0021 U	0.0022 U	0.0023 U	0.0023 U	0.0022 U
Heptachlor	0.042	2.1	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
Heptachlor Epoxide	NS	NS	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
Methoxychlor	NS	NS	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
P,P'-DDD	**0.0033**	13	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
P,P'-DDE	**0.0033**	8.9	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
P,P'-DDT	**0.0033**	7.9	0.0072 U	0.0075 U	0.0076 U	0.0078 U	0.0074 U
Toxaphene	NS	NS	0.072 U	0.075 U	0.076 U	0.078 U	0.074 U

Table 5
Soil Analytical Results of Pesticides (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-04_2-4_20220707	SB-04_5-7_20220707	SB-05_0-2_20220708	SB-05_2-4_20220708	SB-06_0-2_20220708
		Laboratory Sample ID	460-261485-13	460-261485-14	460-261584-1	460-261584-2	460-261584-3
		Date Sampled	7/07/2022	7/07/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
cis-Chlordane	0.094	4.2	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0023 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
Endrin Aldehyde	NS	NS	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
Endrin Ketone	NS	NS	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
Heptachlor Epoxide	NS	NS	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
Methoxychlor	NS	NS	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
P,P'-DDD	**0.0033**	13	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
P,P'-DDE	**0.0033**	8.9	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.0073 U
P,P'-DDT	**0.0033**	7.9	0.0078 U	0.0078 U	0.0076 U	0.0075 U	0.003 J
Toxaphene	NS	NS	0.078 U	0.078 U	0.076 U	0.075 U	0.073 U

Table 5
Soil Analytical Results of Pesticides (Lots 1, 34 and 38)
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		AKRF Sample ID	SB-X02_0-2_20220708	SB-06_2-4_20220708	SB-06_6-8_20220708	SB-07_0-2_20220708	SB-07_2-4_20220708
		Laboratory Sample ID	460-261584-9	460-261584-4	460-261584-5	460-261584-6	460-261584-7
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0021 U	0.0022 U	0.0027 U	0.0023 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0021 U	0.0022 U	0.0027 U	0.0023 U	0.0022 U
Beta Endosulfan	NS	NS	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
cis-Chlordane	0.094	4.2	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0021 U	0.0022 U	0.0027 U	0.0023 U	0.0022 U
Dieldrin	0.005	0.2	0.0021 U	0.0022 U	0.0027 U	0.0023 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
Endrin Aldehyde	NS	NS	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
Endrin Ketone	NS	NS	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
Gamma Bhc (Lindane)	0.1	1.3	0.0021 U	0.0022 U	0.0027 U	0.0023 U	0.0022 U
Heptachlor	0.042	2.1	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
Heptachlor Epoxide	NS	NS	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
Methoxychlor	NS	NS	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
P,P'-DDD	**0.0033**	13	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
P,P'-DDE	**0.0033**	8.9	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
P,P'-DDT	**0.0033**	7.9	0.0071 U	0.0075 U	0.009 U	0.0076 U	0.0072 U
Toxaphene	NS	NS	0.071 U	0.075 U	0.09 U	0.076 U	0.072 U

Table 5
Soil Analytical Results of Pesticides (Lots 1, 34 and 38)
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126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-07_6-8_20220708	SB-08_0-2_20220708	SB-08_2-4_20220708	SB-08_6-8_20220708	SB-09_0-2_20220708
		Laboratory Sample ID	460-261584-8	460-261584-12	460-261584-13	460-261584-14	460-261584-15
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U
Alpha Endosulfan	NS	NS	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U
Beta Endosulfan	NS	NS	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
cis-Chlordane	0.094	4.2	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U
Dieldrin	0.005	0.2	0.0022 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U
Endosulfan Sulfate	NS	NS	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
Endrin Aldehyde	NS	NS	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
Endrin Ketone	NS	NS	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0023 U	0.0021 U	0.0024 U	0.0021 U
Heptachlor	0.042	2.1	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
Heptachlor Epoxide	NS	NS	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
Methoxychlor	NS	NS	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
P,P'-DDD	**0.0033**	13	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
P,P'-DDE	**0.0033**	8.9	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
P,P'-DDT	**0.0033**	7.9	0.0075 U	0.0077 U	0.0072 U	0.008 U	0.0071 U
Toxaphene	NS	NS	0.075 U	0.077 U	0.072 U	0.08 U	0.071 U

Table 5
Soil Analytical Results of Pesticides (Lots 1, 34 and 38)
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Bronx, NY

		AKRF Sample ID	SB-09_2-4_20220708	SB-09_6-8_20220708	SB-10_0-2_20220708	SB-10_2-4_20220708	SB-10_6-8_20220708
		Laboratory Sample ID	460-261584-16	460-261584-17	460-261584-18	460-261584-19	460-261584-20
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0022 U	0.0024 U	0.0022 U	0.0023 U
Alpha Endosulfan	NS	NS	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0022 U	0.0024 U	0.0022 U	0.0023 U
Beta Endosulfan	NS	NS	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
cis-Chlordane	0.094	4.2	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0022 U	0.0024 U	0.0022 U	0.0023 U
Dieldrin	0.005	0.2	0.0023 U	0.0022 U	0.0024 U	0.0022 U	0.0023 U
Endosulfan Sulfate	NS	NS	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
Endrin Aldehyde	NS	NS	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
Endrin Ketone	NS	NS	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0022 U	0.0024 U	0.0022 U	0.0023 U
Heptachlor	0.042	2.1	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
Heptachlor Epoxide	NS	NS	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
Methoxychlor	NS	NS	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
P,P'-DDD	**0.0033**	13	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
P,P'-DDE	**0.0033**	8.9	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
P,P'-DDT	**0.0033**	7.9	0.0076 U	0.0075 U	0.0079 U	0.0074 U	0.0077 U
Toxaphene	NS	NS	0.076 U	0.075 U	0.079 U	0.074 U	0.077 U

Table 5
Soil Analytical Results of Pesticides (Lots 1, 34 and 38)
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		AKRF Sample ID	SB-11_0-2_20220708	SB-11_2-4_20220708	SB-11_6-8_20220708	SB-12_0-2_20220708	SB-12_2-4_20220708
		Laboratory Sample ID	460-261584-21	460-261584-22	460-261584-23	460-261584-24	460-261584-25
		Date Sampled	7/08/2022	7/08/2022	7/08/2022	7/08/2022	7/08/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0072 U	0.0073 U	0.0083 U	0.0082 U	0.0079 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0022 U	0.0025 U	0.0024 U	0.0024 U
Alpha Endosulfan	NS	NS	0.0072 U	0.0073 U	0.0083 U	0.0082 U	0.0079 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0022 U	0.0025 U	0.0024 U	0.0024 U
Beta Endosulfan	NS	NS	0.0072 U	0.0073 U	0.0083 U	0.0082 U	0.0079 U
cis-Chlordane	0.094	4.2	0.0072 U	0.0073 U	0.0083 U	0.0082 U	0.0079 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0022 U	0.0025 U	0.0024 U	0.0024 U
Dieldrin	0.005	0.2	0.0022 U	0.0022 U	0.0025 U	0.0024 U	0.0024 U
Endosulfan Sulfate	NS	NS	0.0072 U	0.0073 U	0.0083 U	0.0082 U	0.0079 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0072 U	0.0073 U	0.0083 U	0.0082 U	0.0079 U
Endrin Aldehyde	NS	NS	0.0072 U	0.0073 U	0.0083 U	0.0082 U	0.0079 U
Endrin Ketone	NS	NS	0.0072 U	0.0073 U	0.0083 U	0.0082 U	0.0079 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0022 U	0.0025 U	0.0024 U	0.0024 U
Heptachlor	0.042	2.1	0.0072 U	0.0073 U	0.0083 U	0.0082 U	0.0079 U
Heptachlor Epoxide	NS	NS	0.0072 U	0.0073 U	0.0083 U	0.0082 U	0.0079 U
Methoxychlor	NS	NS	0.0072 U	0.0073 U	0.0083 U	0.0082 U	0.0079 U
P,P'-DDD	**0.0033**	13	0.0072 U	0.0073 U	0.0083 U	**0.01**	0.0079 U
P,P'-DDE	**0.0033**	8.9	**0.095**	0.0073 U	0.0083 U	**0.088**	**0.0056 J**
P,P'-DDT	**0.0033**	7.9	0.0072 U	0.0073 U	0.0083 U	**0.27**	**0.012**
Toxaphene	NS	NS	0.072 U	0.073 U	0.083 U	0.082 U	0.079 U

Table 5
Soil Analytical Results of Pesticides (Lots 1, 34 and 38)
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Bronx, NY

		AKRF Sample ID	FB-01_20220707	FB-02_20220708
		Laboratory Sample ID	460-261485-11	460-261584-11
		Date Sampled	7/07/2022	7/08/2022
		Unit	µg/L	µg/L
		Dilution Factor	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q
Aldrin	0.005	0.097	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.02 U	0.02 U
Alpha Endosulfan	NS	NS	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.02 U	0.02 U
Beta Endosulfan	NS	NS	0.02 U	0.02 U
cis-Chlordane	0.094	4.2	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.02 U	0.02 U
Dieldrin	0.005	0.2	0.02 U	0.02 U
Endosulfan Sulfate	NS	NS	0.02 U	0.02 U
Endosulfans ABS	2.4	24	0 U	0 U
Endrin	0.014	11	0.02 U	0.02 U
Endrin Aldehyde	NS	NS	0.02 U	0.02 U
Endrin Ketone	NS	NS	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.1	1.3	0.02 U	0.02 U
Heptachlor	0.042	2.1	0.02 U	0.02 U
Heptachlor Epoxide	NS	NS	0.02 U	0.02 U
Methoxychlor	NS	NS	0.02 U	0.02 U
P,P'-DDD	**0.0033**	13	0.02 U	0.02 U
P,P'-DDE	**0.0033**	8.9	0.02 U	0.02 U
P,P'-DDT	**0.0033**	7.9	0.02 U	0.02 U
Toxaphene	NS	NS	0.5 U	0.5 U

Table 6
Groundwater Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
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126 Bruckner Boulevard
Bronx, NY

	AKRF Sample ID	TW-01_20220707	TW-X01_20220707	TW-02_20220707	TW-03_20220708	TW-04_20220708	TW-05_20220708
	Laboratory Sample ID	460-261486-1	460-261486-2	460-261486-3	460-261583-1	460-261583-2	460-261583-3
	Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/08/2022	7/08/2022	7/08/2022
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	0.38 J	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	50	35	5 U	5 U	5 U	5 U	5.5
Benzene	1	0.33 J	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	5	1 U	0.65 J	0.6 J	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U	1 U	0.58 J
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 UT	1 UT	1 UT	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	**5**	**5.7**	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	5	0.56 J	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	11	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	1.8 J	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	3.4	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	5	3.6	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	**5**	**12**	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	4.6	1 U	1 U	1 U	1 U	0.4 J
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U	0.34 J	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	0.96 J	1.2	3.3
Tetrachloroethylene (PCE)	5	1 U	0.31 J	0.39 J	1 U	1 U	1 U
Toluene	**5**	**10**	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	5	1 U	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U	2 U	2 U

Table 6
Groundwater Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

	AKRF Sample ID	TB-03_20220707	FB-03_20220707	TB-04_20220708
	Laboratory Sample ID	460-261486-4	460-261486-5	460-261583-4
	Date Sampled	7/07/2022	7/07/2022	7/08/2022
	Unit	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U
Benzene	1	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	5	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 UT	1 UT	1 U
Ethylbenzene	5	1 U	1 U	1 U
Isopropylbenzene (Cumene)	**5**	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U
Methylene Chloride	5	0.47 J	0.51 J	0.45 J
N-Butylbenzene	5	1 U	1 U	1 U
N-Propylbenzene	**5**	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	1 U	1 U	1 U
Toluene	**5**	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U
Trichloroethylene (TCE)	5	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U

Table 7
Groundwater Analytical Results of Semivolatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

	AKRF Sample ID	TW-01_20220707	TW-X01_20220707	TW-02_20220707	TW-03_20220708	TW-04_20220708	TW-05_20220708	FB-03_20220707
	Laboratory Sample ID	460-261486-1	460-261486-2	460-261486-3	460-261583-1	460-261583-2	460-261583-3	460-261486-5
	Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/08/2022	7/08/2022	7/08/2022	7/07/2022
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	0.62 J	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	2.8 J	10 U	10 U	10 U	10 U	2.2 J	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Atrazine	7.5	2 U	2 U	2 U	2 UT	2 UT	2 UT	2 U
Benzaldehyde	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Caprolactam	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	NS	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	NS	2.1 J	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50	4.8 J	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	1.3 J	2 U	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	5.5 J	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table 8
Groundwater Analytical Results of Total Metals (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

AKRF Sample ID		TW-01_20220707	TW-X01_20220707	TW-X01_20220707	TW-02_20220707	TW-02_20220707	TW-03_20220708
Laboratory Sample ID		460-261486-1	460-261486-2	460-261486-2	460-261486-3	460-261486-3	460-261583-1
Date Sampled		7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/08/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	10	1	10	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	60,100	510	NR	558	NR	3,630
Antimony	3	2 U	1.4 J	NR	1.3 J	NR	2 U
Arsenic	25	12.5	3.2	NR	3	NR	4
Barium	1,000	418	379	NR	389	NR	200
Beryllium	**3**	**3.7**	0.8 U	NR	0.8 U	NR	0.14 J
Cadmium	5	0.65 J	2 U	NR	2 U	NR	2 U
Calcium	NS	95,800	149,000	NR	155,000	NR	129,000
Chromium, Total	**50**	**107**	4 U	NR	4 U	NR	8.8
Cobalt	NS	44.5	1.4 J	NR	1.2 J	NR	16.2
Copper	200	143	3.8 J	NR	4.1	NR	32.4
Iron	**300**	**85,800**	**6,180**	NR	**6,080**	NR	**5,150**
Lead	**25**	**171**	4	NR	4.5	NR	**38.9**
Magnesium	**35,000**	**58,400**	31,100	NR	16,700	NR	13,300
Manganese	**300**	**2,890**	**3,420**	NR	**3,430**	NR	**1,130**
Mercury	**0.7**	**2.7**	0.2 U	NR	0.2 U	NR	**0.83**
Nickel	100	93.4	3.4 J	NR	1.4 J	NR	20.5
Potassium	NS	17,300	21,800	NR	22,700	NR	9,840
Selenium	10	2.5 U	0.89 J	NR	2.5 U	NR	1.2 J
Silver	50	0.34 J	2 U	NR	2 U	NR	2 U
Sodium	**20,000**	**340,000**	NR	**1,180,000**	NR	**1,260,000**	**42,200**
Thallium	**0.5**	**0.91**	0.8 U	NR	0.8 U	NR	0.48 J
Vanadium	NS	140	1.7 J	NR	2 J	NR	16.1
Zinc	2,000	369	8.7 J	NR	16 U	NR	194

Table 8
Groundwater Analytical Results of Total Metals (Lots 1, 34 and 38)
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126 Bruckner Boulevard
Bronx, NY

AKRF Sample ID		TW-04_20220708	TW-05_20220708	FB-03_20220707
Laboratory Sample ID		460-261583-2	460-261583-3	460-261486-5
Date Sampled		7/08/2022	7/08/2022	7/07/2022
Unit		µg/L	µg/L	µg/L
Dilution Factor		1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
Aluminum	NS	5,840	1,780	40 U
Antimony	3	1.2 J	2 U	2 U
Arsenic	25	10.6	1 J	2 U
Barium	1,000	391	231	4 U
Beryllium	**3**	0.46 J	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U
Calcium	NS	134,000	115,000	500 U
Chromium, Total	**50**	12	3.7 J	4 U
Cobalt	NS	7.1	1.5 J	4 U
Copper	200	45.3	16.6	4 U
Iron	**300**	**24,500**	**7,380**	120 U
Lead	**25**	**134**	**135**	1.2 U
Magnesium	**35,000**	25,600	19,200	200 U
Manganese	**300**	**1,080**	**660**	8 U
Mercury	**0.7**	0.49	0.2 U	0.2 U
Nickel	100	13.1	3.3 J	4 U
Potassium	NS	15,100	10,200	200 U
Selenium	10	1.7 J	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U
Sodium	**20,000**	**62,100**	**39,500**	500 U
Thallium	**0.5**	0.8 U	0.8 U	0.8 U
Vanadium	NS	17	3.7 J	4 U
Zinc	2,000	158	75.5	16 U

Table 9
Groundwater Analytical Results of Dissolved Metals (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

AKRF Sample ID		TW-01_20220707	TW-X01_20220707	TW-X01_20220707	TW-02_20220707	TW-02_20220707	TW-03_20220708
Laboratory Sample ID		460-261486-1	460-261486-2	460-261486-2	460-261486-3	460-261486-3	460-261583-1
Date Sampled		7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/08/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	5	1	5	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	40 U	NR	40 U	NR	40 U
Antimony	3	0.82 J	0.92 J	NR	0.88 J	NR	2 U
Arsenic	25	3.3	0.94 J	NR	2 U	NR	2.4
Barium	1,000	39.6	295	NR	316	NR	202
Beryllium	3	0.8 U	0.8 U	NR	0.8 U	NR	0.8 U
Cadmium	5	2 U	2 U	NR	2 U	NR	2 U
Calcium	NS	46,700	143,000	NR	148,000	NR	138,000
Chromium, Total	50	4 U	4 U	NR	4 U	NR	4 U
Cobalt	NS	4 U	0.94 J	NR	0.88 J	NR	13.9
Copper	200	4 U	4 U	NR	4 U	NR	5.8
Iron	**300**	120 U	120 U	NR	120 U	NR	120 U
Lead	25	1.2 U	1.2 U	NR	1.2 U	NR	1.2 U
Magnesium	35,000	7,230	27,700	NR	28,300	NR	12,500
Manganese	**300**	56.2	**3,120**	NR	**3,350**	NR	**1,160**
Mercury	0.7	0.2 U	0.2 U	NR	0.2 U	NR	0.2 U
Nickel	100	3.3 J	1.2 J	NR	1.4 J	NR	14.2
Potassium	NS	6,260	20,300	NR	21,100	NR	10,900
Selenium	10	2.5 U	2.5 U	NR	2.5 U	NR	0.6 J
Silver	50	2 U	2 U	NR	2 U	NR	2 U
Sodium	**20,000**	**284,000**	NR	**1,210,000**	NR	**1,290,000**	**43,200**
Thallium	0.5	0.8 U	0.8 U	NR	0.8 U	NR	0.36 J
Vanadium	NS	12.8 B	1.1 BJ	NR	4 U	NR	3.7 J
Zinc	2,000	16 U	16 U	NR	16 U	NR	170

Table 9
Groundwater Analytical Results of Dissolved Metals (Lots 1, 34 and 38)
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126 Bruckner Boulevard
Bronx, NY

AKRF Sample ID		TW-04_20220708	TW-05_20220708	FB-03_20220707
Laboratory Sample ID		460-261583-2	460-261583-3	460-261486-5
Date Sampled		7/08/2022	7/08/2022	7/07/2022
Unit		µg/L	µg/L	µg/L
Dilution Factor		1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	233	40 U
Antimony	3	2 U	2 U	2 U
Arsenic	25	1.7 J	2 U	2 U
Barium	1,000	349	205	4 U
Beryllium	3	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U
Calcium	NS	137,000	117,000	500 U
Chromium, Total	50	4 U	4 U	4 U
Cobalt	NS	2.2 J	4 U	4 U
Copper	200	5.5	4 U	4 U
Iron	**300**	120 U	**845**	120 U
Lead	25	1.2 U	15.7	1.2 U
Magnesium	35,000	18,400	16,800	200 U
Manganese	**300**	**1,040**	**577**	8 U
Mercury	0.7	0.18 J	0.19 J	0.2 U
Nickel	100	3.6 J	4 U	4 U
Potassium	NS	16,500	10,500	200 U
Selenium	10	0.81 J	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U
Sodium	**20,000**	**63,000**	**36,600**	500 U
Thallium	0.5	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	4 U	4 U
Zinc	2,000	49.2	9.2 J	16 U

Table 10
Groundwater Analytical Results of Polychlorinated Biphenyls (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

AKRF Sample ID		TW-01_20220707	TW-X01_20220707	TW-02_20220707	TW-03_20220708	TW-04_20220708	TW-05_20220708	FB-03_20220707
Laboratory Sample ID		460-261486-1	460-261486-2	460-261486-3	460-261583-1	460-261583-2	460-261583-3	460-261486-5
Date Sampled		7/07/2022	7/07/2022	7/07/2022	7/08/2022	7/08/2022	7/08/2022	7/07/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 11
Groundwater Analytical Results of Pesticides (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

AKRF Sample ID		TW-01_20220707	TW-X01_20220707	TW-02_20220707	TW-03_20220708	TW-04_20220708	TW-05_20220708	FB-03_20220707
Laboratory Sample ID		460-261486-1	460-261486-2	460-261486-3	460-261583-1	460-261583-2	460-261583-3	460-261486-5
Date Sampled		7/07/2022	7/07/2022	7/07/2022	7/08/2022	7/08/2022	7/08/2022	7/07/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
cis-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfans ABS	NS	NR	NR	NR	NR	NR	NR	0 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 12
Soil Vapor Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

Sample ID	SV-01_20220707	SV-01_20220707	SV-02_20220707	SV-02_20220707	SV-03_20220708	SV-03_20220708	SV-04_20220708
Lab Sample ID	200-64084-1	200-64084-1	200-64084-2	200-64084-2	200-64085-1	200-64085-1	200-64085-2
Date Sampled	7/07/2022	7/07/2022	7/07/2022	7/07/2022	7/08/2022	7/08/2022	7/08/2022
Unit	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Dilution Factor	1	10	1	5	1	5	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1.1 U	NR	1.1	NR	1.1 U	NR	1.1 U
1,1,2,2-Tetrachloroethane	1.4 U	NR	1.4 U	NR	1.4 U	NR	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	1.5 U	NR	1.5 U	NR	0.63 J	NR	1.5 U
1,1,2-Trichloroethane	1.1 U	NR	1.1 U	NR	1.1 U	NR	1.1 U
1,1-Dichloroethane	0.81 U	NR	0.81 U	NR	0.81 U	NR	0.81 U
1,1-Dichloroethene	0.2 U	NR	0.2 U	NR	0.2 U	NR	0.2 U
1,2,4-Trichlorobenzene	3.7 U	NR	3.7 U	NR	3.7 U	NR	3.7 U
1,2,4-Trimethylbenzene	24	NR	18	NR	7.5	NR	13
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	NR	1.5 U	NR	1.5 U	NR	1.5 U
1,2-Dichlorobenzene	1.2 U	NR	1.2 U	NR	1.2 U	NR	1.2 U
1,2-Dichloroethane	0.81 U	NR	0.81 U	NR	0.81 U	NR	0.81 U
1,2-Dichloropropane	0.92 U	NR	0.92 U	NR	0.92 U	NR	0.92 U
1,2-Dichlorotetrafluoroethane	1.4 U	NR	1.4 U	NR	1.4 U	NR	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	6.8	NR	4.7	NR	2	NR	3.6
1,3-Butadiene	0.44 U	NR	8.2	NR	0.89	NR	1.7
1,3-Dichlorobenzene	40	NR	49	NR	12	NR	1.2 U
1,4-Dichlorobenzene	1.2 U	NR	1.2 U	NR	1.2 U	NR	1.2 U
2,2,4-Trimethylpentane	NR	290 D	3.7	NR	6.8	NR	0.93 U
2-Chlorotoluene	1 U	NR	1 U	NR	1 U	NR	1 U
2-Hexanone	25	NR	12	NR	2 U	NR	2 U
4-Ethyltoluene	7.1	NR	4.5	NR	1.9	NR	3.5
Acetone	NR	470 D	NR	160 D	60	NR	59
Allyl Chloride (3-Chloropropene)	1.6 U	NR	1.6 U	NR	1.6 U	NR	1.6 U
Benzene	11	NR	16	NR	5.7	NR	4.8
Benzyl Chloride	1 U	NR	1 U	NR	1 U	NR	1 U
Bromodichloromethane	1.3 U	NR	1.3 U	NR	1.3 U	NR	1.3 U
Bromoform	2.1 U	NR	2.1 U	NR	2.1 U	NR	2.1 U
Bromomethane	0.78 U	NR	0.78 U	NR	0.78 U	NR	0.78 U
Butane	NR	260 D	50	NR	NR	310 D	NR
Carbon Disulfide	12	NR	30	NR	6.6	NR	5.4
Carbon Tetrachloride	0.38	NR	0.71	NR	0.28	NR	1.4
Chlorobenzene	0.86 J	NR	0.85 J	NR	0.92 U	NR	0.92 U
Chlorodifluoromethane	1.2 J	NR	0.66 J	NR	0.85 J	NR	0.68 J
Chloroethane	1.3 U	NR	1.4	NR	1.3 U	NR	1.3 U
Chloroform	5.1	NR	40	NR	1.3	NR	8
Chloromethane	1 U	NR	4.5	NR	1	NR	1 U
Cis-1,2-Dichloroethylene	0.2 U	NR	0.2 U	NR	0.2 U	NR	0.2 U
Cis-1,3-Dichloropropene	0.91 U	NR	0.91 U	NR	0.91 U	NR	0.91 U
Cyclohexane	35	NR	10	NR	22	NR	14
Cymene	8.8	NR	8.4	NR	2.6	NR	5.6
Dibromochloromethane	1.7 U	NR	1.7 U	NR	1.7 U	NR	1.7 U
Dichlorodifluoromethane	1.4 J	NR	1.7 J	NR	1.8 J	NR	1.8 J
Ethylbenzene	16	NR	7.8	NR	9.7	NR	13
Hexachlorobutadiene	2.1 U	NR	2.1 U	NR	1.3 J	NR	2.1 U
Isopropanol	70	NR	35	NR	28	NR	25
Isopropylbenzene (Cumene)	0.98 U	NR	0.98 U	NR	0.98 U	NR	0.98 U
M,P-Xylenes	61	NR	29	NR	29	NR	43
Methyl Ethyl Ketone (2-Butanone)	51	NR	21	NR	9	NR	8.1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2 U	NR	8.2	NR	4.6	NR	2 U
Methyl Methacrylate	2 U	NR	3.8	NR	2 U	NR	2 U
Methylene Chloride	1.7 U	NR	1.7 U	NR	3.2	NR	1.7 U
Naphthalene	1.7 J	NR	4.8	NR	3.8	NR	2.6 U
N-Butylbenzene	1.1 U	NR	0.81 J	NR	0.79 J	NR	1.1
N-Heptane	56	NR	0.82 U	NR	26	NR	NR
N-Hexane	82	NR	15	NR	69	NR	NR
N-Propylbenzene	4.8	NR	3.1	NR	1.4	NR	2.9
O-Xylene (1,2-Dimethylbenzene)	24	NR	11	NR	7.8	NR	13
Sec-Butylbenzene	1.1 U	NR	1.1 U	NR	1.1 U	NR	1.1 U
Styrene	0.85 U	NR	0.85 U	NR	0.85 U	NR	0.85 U
T-Butylbenzene	1.1 U	NR	1.1 U	NR	1.1 U	NR	1.1 U
Tert-Butyl Alcohol	32	NR	46	NR	8.8 J	NR	17
Tert-Butyl Methyl Ether	0.72 U	NR	0.72 U	NR	0.72 U	NR	0.72 U
Tetrachloroethylene (PCE)	5.6	NR	NR	460 D	40	NR	6.1
Tetrahydrofuran	15 U	NR	15 U	NR	15 U	NR	15 U
Toluene	42	NR	23	NR	27	NR	23
Trans-1,2-Dichloroethene	0.79 U	NR	0.79 U	NR	0.79 U	NR	0.79 U
Trans-1,3-Dichloropropene	0.91 U	NR	0.91 U	NR	0.91 U	NR	0.91 U
Trichloroethylene (TCE)	0.2 U	NR	6.1	NR	0.2 U	NR	180
Trichlorofluoromethane	1 J	NR	1.8	NR	1.7	NR	1.4
Vinyl Bromide	0.87 U	NR	0.87 U	NR	0.87 U	NR	0.87 U
Vinyl Chloride	0.2 U	NR	0.2 U	NR	0.2 U	NR	0.2 U

Table 12
Soil Vapor Analytical Results of Volatile Organic Compounds (Lots 1, 34 and 38)
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Sample ID	SV-04_20220708	SV-05_20220708	SV-05_20220708
Lab Sample ID	200-64085-2	200-64085-3	200-64085-3
Date Sampled	7/08/2022	7/08/2022	7/08/2022
Unit	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	10	10	50
Compound	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NR	11 U	NR
1,1,2,2-Tetrachloroethane	NR	14 U	NR
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NR	15 U	NR
1,1,2-Trichloroethane	NR	11 U	NR
1,1-Dichloroethane	NR	8.1 U	NR
1,1-Dichloroethene	NR	2 U	NR
1,2,4-Trichlorobenzene	NR	37 U	NR
1,2,4-Trimethylbenzene	NR	23	NR
1,2-Dibromoethane (Ethylene Dibromide)	NR	15 U	NR
1,2-Dichlorobenzene	NR	12 U	NR
1,2-Dichloroethane	NR	8.1 U	NR
1,2-Dichloropropane	NR	9.2 U	NR
1,2-Dichlorotetrafluoroethane	NR	14 U	NR
1,3,5-Trimethylbenzene (Mesitylene)	NR	6.8 J	NR
1,3-Butadiene	NR	4.4 U	NR
1,3-Dichlorobenzene	NR	12 U	NR
1,4-Dichlorobenzene	NR	12 U	NR
2,2,4-Trimethylpentane	NR	95	NR
2-Chlorotoluene	NR	10 U	NR
2-Hexanone	NR	20 U	NR
4-Ethyltoluene	NR	6.7 J	NR
Acetone	NR	NR	2900 D
Allyl Chloride (3-Chloropropene)	NR	16 U	NR
Benzene	NR	27	NR
Benzyl Chloride	NR	10 U	NR
Bromodichloromethane	NR	13 U	NR
Bromoform	NR	21 U	NR
Bromomethane	NR	7.8 U	NR
Butane	200 D	190	NR
Carbon Disulfide	NR	23	NR
Carbon Tetrachloride	NR	2.2 U	NR
Chlorobenzene	NR	9.2 U	NR
Chlorodifluoromethane	NR	18 U	NR
Chloroethane	NR	13 U	NR
Chloroform	NR	4.7 J	NR
Chloromethane	NR	10 U	NR
Cis-1,2-Dichloroethylene	NR	2 U	NR
Cis-1,3-Dichloropropene	NR	9.1 U	NR
Cyclohexane	NR	27	NR
Cymene	NR	2.7 J	NR
Dibromochloromethane	NR	17 U	NR
Dichlorodifluoromethane	NR	25 U	NR
Ethylbenzene	NR	26	NR
Hexachlorobutadiene	NR	21 U	NR
Isopropanol	NR	160	NR
Isopropylbenzene (Cumene)	NR	9.8 U	NR
M,P-Xylenes	NR	89	NR
Methyl Ethyl Ketone (2-Butanone)	NR	45	NR
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NR	120	NR
Methyl Methacrylate	NR	20 U	NR
Methylene Chloride	NR	8.4 J	NR
Naphthalene	NR	26 U	NR
N-Butylbenzene	NR	11 U	NR
N-Heptane	350 D	46	NR
N-Hexane	540 D	49	NR
N-Propylbenzene	NR	5.2 J	NR
O-Xylene (1,2-Dimethylbenzene)	NR	32	NR
Sec-Butylbenzene	NR	11 U	NR
Styrene	NR	8.5 U	NR
T-Butylbenzene	NR	11 U	NR
Tert-Butyl Alcohol	NR	51 J	NR
Tert-Butyl Methyl Ether	NR	38	NR
Tetrachloroethylene (PCE)	NR	540	NR
Tetrahydrofuran	NR	150 U	NR
Toluene	NR	110	NR
Trans-1,2-Dichloroethene	NR	7.9 U	NR
Trans-1,3-Dichloropropene	NR	9.1 U	NR
Trichloroethylene (TCE)	NR	3.8	NR
Trichlorofluoromethane	NR	11 U	NR
Vinyl Bromide	NR	8.7 U	NR
Vinyl Chloride	NR	2 U	NR

Table 13
Soil Analytical Results of Volatile Organic Compounds (Lot 4)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-01_4.5-6_20191003	SB-01_9-11_20191004	SB-02_0-4.5_20191003	SB-03_0-6_20191003	SB-03_9-11_20191004
		Laboratory Sample ID	460-192933-5	460-193055-8	460-192933-4	460-192933-3	460-193055-9
		Date Sampled	10/3/2019 3:55:00 PM	10/4/2019 9:15:00 AM	10/3/2019 1:45:00 PM	10/3/2019 11:20:00 AM	10/4/2019 1:45:00 PM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	50	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
2-Hexanone	NS	NS	0.0072 U	0.61 U	0.0069 U	0.0054 U	0.0061 U
Acetone	0.05	100	0.023	0.61 U	0.0083 U	0.0064 U	0.024
Benzene	**0.06**	4.8	0.0011 J	**0.83**	0.0014 U	0.0011 U	0.00043 J
Bromochloromethane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Bromodichloromethane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Bromoform	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Bromomethane	NS	NS	0.0014 U	0.12 UT	0.0014 U	0.0011 U	0.0012 U
Carbon Disulfide	NS	NS	0.00074 J	0.12 U	0.0014 U	0.0011 U	0.00097 J
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Chlorobenzene	1.1	100	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Chloroethane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Chloroform	0.37	49	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Chloromethane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Cyclohexane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Dibromochloromethane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Ethylbenzene	1	41	0.0014 U	0.83	0.0014 U	0.0011 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0014 U	0.14	0.0014 U	0.0011 U	0.013
M,P-Xylenes	NS	NS	0.0006 J	1.4	0.0014 U	0.0011 U	0.00028 J
Methyl Acetate	NS	NS	0.0072 U	0.61 U	0.0069 U	0.0054 UT	0.0061 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0069 J	0.61 U	0.0069 U	0.0054 U	0.008
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0072 U	0.61 U	0.0069 U	0.0054 U	0.0061 U
Methylcyclohexane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Methylene Chloride	0.05	100	0.00067 J	0.12 U	0.0014 U	0.00051 BJ	0.00066 J
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00033 J	0.18	0.0014 U	0.0011 U	0.0012 U
Styrene	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 J	0.17	0.0014 U	0.0011 U	0.0012 UT
Tetrachloroethylene (PCE)	1.3	19	0.00031 J	0.12 U	0.00024 J	0.00018 J	0.0012 U
Toluene	**0.7**	100	0.0012 J	**1.1**	0.0014 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0014 U	0.12 U	0.0014 U	0.0011 U	0.0012 U

Table 13
Soil Analytical Results of Volatile Organic Compounds (Lot 4)
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		AKRF Sample ID	SB-03_13.5-15.5_20191004	SB-04_0-4_20191002	SB-05_0-5_20191002	SB-06_0-2_20191004	SB-07_0-2_20191004
		Laboratory Sample ID	460-193055-10	460-192933-2	460-192933-1	460-193055-1	460-193055-3
		Date Sampled	10/4/2019 2:20:00 PM	10/2/2019 2:35:00 PM	10/2/2019 11:15:00 AM	10/4/2019 8:10:00 AM	10/4/2019 8:45:00 AM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	50	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,1,2-Trichloroethane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,1-Dichloroethane	0.27	26	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,1-Dichloroethene	0.33	100	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,2-Dichlorobenzene	1.1	100	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,2-Dichloropropane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,3-Dichlorobenzene	2.4	49	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
1,4-Dichlorobenzene	1.8	13	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
2-Hexanone	NS	NS	0.53 U	0.0092 U	0.0063 U	0.0072 U	0.0052 U
Acetone	0.05	100	0.53 U	0.017	0.0075 U	0.0087 U	0.0063 U
Benzene	**0.06**	4.8	**0.19**	0.0018 U	0.0013 U	0.0014 U	0.001 U
Bromochloromethane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Bromodichloromethane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Bromoform	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Bromomethane	NS	NS	0.11 UT	0.0018 U	0.0013 U	0.0014 U	0.001 U
Carbon Disulfide	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Carbon Tetrachloride	0.76	2.4	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Chlorobenzene	1.1	100	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Chloroethane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Chloroform	0.37	49	0.11 U	0.00066 J	0.0013 U	0.0014 U	0.001 U
Chloromethane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 UT	0.001 UT
Cis-1,2-Dichloroethylene	0.25	100	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Cyclohexane	NS	NS	0.22	0.0018 U	0.0013 U	0.0014 U	0.001 U
Dibromochloromethane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Dichlorodifluoromethane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 UT	0.001 UT
Ethylbenzene	1	41	0.47	0.0018 U	0.0013 U	0.0014 U	0.001 U
Isopropylbenzene (Cumene)	NS	NS	0.26	0.0018 U	0.0013 U	0.0014 U	0.001 U
M,P-Xylenes	NS	NS	1.4	0.00038 J	0.0013 U	0.0014 U	0.001 U
Methyl Acetate	NS	NS	0.53 U	0.0092 UT	0.0063 UT	0.0072 UT	0.0052 UT
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.53 U	0.0092 U	0.0063 U	0.0072 U	0.0052 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.53 U	0.0092 U	0.0063 U	0.0072 UT	0.0052 UT
Methylcyclohexane	NS	NS	0.62	0.0018 U	0.0013 U	0.0014 U	0.001 U
Methylene Chloride	0.05	100	0.11 U	0.00087 BJ	0.0013 U	0.0014 U	0.00058 J
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.6	0.0018 U	0.0013 U	0.0014 U	0.001 U
Styrene	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Tert-Butyl Methyl Ether	0.93	100	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Tetrachloroethylene (PCE)	1.3	19	0.11 U	0.0015 J	0.00027 J	0.0014 U	0.001 U
Toluene	**0.7**	100	0.11	0.00045 J	0.00031 J	0.00054 J	0.00051 J
Trans-1,2-Dichloroethene	0.19	100	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Trichloroethylene (TCE)	0.47	21	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Trichlorofluoromethane	NS	NS	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U
Vinyl Chloride	0.02	0.9	0.11 U	0.0018 U	0.0013 U	0.0014 U	0.001 U

Table 13
Soil Analytical Results of Volatile Organic Compounds (Lot 4)
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126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-08_0-2_20191004	SB-09_0-2_20191004	SB-10_0-2_20191004	SB-11_0-1.5_20191004	SB-12_0-2_20191004
		Laboratory Sample ID	460-193055-2	460-193055-5	460-193055-7	460-193055-6	460-193055-4
		Date Sampled	10/4/2019 8:25:00 AM	10/4/2019 9:55:00 AM	10/4/2019 11:15:00 AM	10/4/2019 10:30:00 AM	10/4/2019 9:25:00 AM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
2-Hexanone	NS	NS	0.0059 U	0.0065 U	0.0067 U	0.0058 U	0.0058 U
Acetone	0.05	100	0.0097	0.011	0.0081 U	0.0069 U	0.007 U
Benzene	**0.06**	4.8	0.0012 U	0.0013 U	0.00041 J	0.0012 U	0.0012 U
Bromochloromethane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Bromodichloromethane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Bromoform	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Bromomethane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Carbon Disulfide	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Chlorobenzene	1.1	100	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Chloroethane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Chloroform	0.37	49	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Chloromethane	NS	NS	0.0012 UT	0.0013 U	0.0013 U	0.0012 U	0.0012 UT
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Cyclohexane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Dibromochloromethane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0012 UT	0.0013 UT	0.0013 UT	0.0012 UT	0.0012 UT
Ethylbenzene	1	41	0.0012 U	0.0013 U	0.0013 U	0.00036 J	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.00021 J	0.0012 U
M,P-Xylenes	NS	NS	0.0012 U	0.0013 U	0.00023 J	0.0014	0.0012 U
Methyl Acetate	NS	NS	0.0059 UT	0.0065 U	0.0067 U	0.0058 U	0.0058 UT
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0059 U	0.0065 U	0.0067 U	0.0058 U	0.0058 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0059 UT	0.0065 U	0.0067 U	0.0058 U	0.0058 UT
Methylcyclohexane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	100	0.00058 J	0.0013 U	0.0013 U	0.00063 J	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.00098 J	0.0012 U
Styrene	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.00023 J	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Toluene	**0.7**	100	0.0005 J	0.0013 U	0.00049 J	0.00079 J	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U

Table 14
Soil Analytical Results of Semivolatile Organic Compounds (Lot 4)
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126 Bruckner Boulevard
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		AKRF Sample ID	SB-01_4.5-6_20191003	SB-01_9-11_20191004	SB-02_0-4.5_20191003	SB-03_0-6_20191003	SB-03_9-11_20191004
		Laboratory Sample ID	460-192933-5	460-193055-8	460-192933-4	460-192933-3	460-193055-9
		Date Sampled	10/3/2019 3:55:00 PM	10/4/2019 9:15:00 AM	10/3/2019 1:45:00 PM	10/3/2019 11:20:00 AM	10/4/2019 1:45:00 PM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.06 J	0.52	0.065 J	0.37 U	0.4 U
Acenaphthylene	100	100	0.15 J	0.17 J	0.31 J	0.025 J	0.4 U
Anthracene	100	100	0.22 J	0.19 J	0.2 J	0.036 J	0.4 U
Benzo(a)Anthracene	1	1	0.67	0.11	0.63	0.24	0.04 U
Benzo(a)Pyrene	1	1	0.54	0.045	0.55	0.24	0.04 U
Benzo(b)Fluoranthene	1	1	0.8	0.09	0.83	0.33	0.04 U
Benzo(g,h,i)Perylene	100	100	0.33 J	0.026 J	0.34 J	0.15 J	0.4 U
Benzo(k)Fluoranthene	0.8	3.9	0.29	0.027 J	0.28	0.11	0.04 U
Chrysene	1	3.9	0.79	0.14 J	0.75	0.27 J	0.4 U
Dibenz(a,h)Anthracene	0.33	0.33	0.074	0.042 U	0.076	0.033 J	0.04 U
Fluoranthene	100	100	1.3	0.52	1.2	0.33 J	0.038 J
Fluorene	30	100	0.061 J	1.1	0.066 J	0.37 U	0.4 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.34	0.042 U	0.37	0.18	0.04 U
Naphthalene	12	100	0.4	2	0.94	0.033 J	0.4 U
Phenanthrene	100	100	0.9	2.1	0.92	0.14 J	0.014 J
Pyrene	100	100	1.3	0.62	1.2	0.32 J	0.028 J

Table 14
Soil Analytical Results of Semivolatile Organic Compounds (Lot 4)
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126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-03_13.5-15.5_20191004	SB-04_0-4_20191002	SB-05_0-5_20191002	SB-06_0-2_20191004	SB-07_0-2_20191004
		Laboratory Sample ID	460-193055-10	460-192933-2	460-192933-1	460-193055-1	460-193055-3
		Date Sampled	10/4/2019 2:20:00 PM	10/2/2019 2:35:00 PM	10/2/2019 11:15:00 AM	10/4/2019 8:10:00 AM	10/4/2019 8:45:00 AM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.087 J	0.034 J	0.36 U	0.4 U	0.37 U
Acenaphthylene	100	100	0.42 U	0.031 J	0.035 J	0.16 J	0.37 U
Anthracene	100	100	0.039 J	0.096 J	0.069 J	0.049 J	0.044 J
Benzo(a)Anthracene	1	1	0.028 J	0.38	0.23	0.17	0.29
Benzo(a)Pyrene	1	1	0.042 U	0.32	0.2	0.12	0.28
Benzo(b)Fluoranthene	1	1	0.042 U	0.44	0.31	0.25	0.43
Benzo(g,h,i)Perylene	100	100	0.42 U	0.19 J	0.14 J	0.098 J	0.16 J
Benzo(k)Fluoranthene	0.8	3.9	0.042 U	0.18	0.1	0.076	0.13
Chrysene	1	3.9	0.42 U	0.43	0.27 J	0.29 J	0.37
Dibenz(a,h)Anthracene	0.33	0.33	0.042 U	0.053	0.03 J	0.039 J	0.043
Fluoranthene	100	100	0.061 J	0.67	0.45	0.29 J	0.59
Fluorene	30	100	0.11 J	0.029 J	0.028 J	0.043 J	0.37 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.042 U	0.22	0.14	0.093	0.17
Naphthalene	12	100	0.46	0.04 J	0.062 J	0.45	0.37 U
Phenanthrene	100	100	0.23 J	0.44	0.3 J	0.3 J	0.23 J
Pyrene	100	100	0.069 J	0.67	0.42	0.31 J	0.61

Table 14
Soil Analytical Results of Semivolatile Organic Compounds (Lot 4)
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126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-08_0-2_20191004	SB-09_0-2_20191004	SB-10_0-2_20191004	SB-11_0-1.5_20191004	SB-12_0-2_20191004
		Laboratory Sample ID	460-193055-2	460-193055-5	460-193055-7	460-193055-6	460-193055-4
		Date Sampled	10/4/2019 8:25:00 AM	10/4/2019 9:55:00 AM	10/4/2019 11:15:00 AM	10/4/2019 10:30:00 AM	10/4/2019 9:25:00 AM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Acenaphthene	20	100	0.39 U	0.37 U	0.043 J	0.36 U	0.36 U
Acenaphthylene	100	100	0.02 J	0.035 J	0.025 J	0.36 U	0.36 U
Anthracene	100	100	0.037 J	0.059 J	0.11 J	0.023 J	0.032 J
Benzo(a)Anthracene	1	1	0.31	0.25	0.43	0.17	0.2
Benzo(a)Pyrene	1	1	0.26	0.21	0.35	0.17	0.16
Benzo(b)Fluoranthene	1	1	0.38	0.33	0.49	0.23	0.22
Benzo(g,h,i)Perylene	100	100	0.16 J	0.15 J	0.25 J	0.13 J	0.14 J
Benzo(k)Fluoranthene	0.8	3.9	0.14	0.098	0.21	0.082	0.085
Chrysene	1	3.9	0.32 J	0.28 J	0.46	0.17 J	0.21 J
Dibenz(a,h)Anthracene	0.33	0.33	0.044	0.04	0.072	0.037	0.046
Fluoranthene	100	100	0.48	0.38	0.79	0.24 J	0.25 J
Fluorene	30	100	0.39 U	0.37 U	0.05 J	0.36 U	0.36 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.18	0.17	0.27	0.14	0.13
Naphthalene	12	100	0.064 J	0.036 J	0.081 J	0.36 U	0.36 U
Phenanthrene	100	100	0.21 J	0.21 J	0.57	0.084 J	0.11 J
Pyrene	100	100	0.57	0.48	0.95	0.31 J	0.31 J

Table 15
Soil Analytical Results of Metals (Lot 4)
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126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-01_4.5-6_20191003	SB-01_4.5-6_20191003	SB-01_9-11_20191004	SB-01_9-11_20191004	SB-02_0-4.5_20191003
		Laboratory Sample ID	460-192933-5	460-192933-5	460-193055-8	460-193055-8	460-192933-4
		Date Sampled	10/3/2019 3:55:00 PM	10/3/2019 3:55:00 PM	10/4/2019 9:15:00 AM	10/4/2019 9:15:00 AM	10/3/2019 1:45:00 PM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	3	20	1	20	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	**13**	16	NR	**14.7**	NR	3.8	NR
Barium	**350**	400	NR	**538**	NR	109	NR
Cadmium	**2.5**	4.3	NR	**2.9**	NR	1.1 U	NR
Chromium, Total	NS	NS	NR	26.8	NR	14.5	NR
Lead	**63**	400	NR	**1,640**	NR	**230**	NR
Mercury	**0.18**	0.81	**1.2**	NT	**0.44**	NT	**0.76**
Selenium	3.9	180	NR	1.3 J	NR	1.6 J	NR
Silver	2	180	NR	1.1 U	NR	1.1 U	NR

Table 15
Soil Analytical Results of Metals (Lot 4)
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126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-02_0-4.5_20191003	SB-03_0-6_20191003	SB-03_0-6_20191003	SB-03_9-11_20191004	SB-03_9-11_20191004
		Laboratory Sample ID	460-192933-4	460-192933-3	460-192933-3	460-193055-9	460-193055-9
		Date Sampled	10/3/2019 1:45:00 PM	10/3/2019 11:20:00 AM	10/3/2019 11:20:00 AM	10/4/2019 1:45:00 PM	10/4/2019 1:45:00 PM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	20	1	20	1	20
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	**13**	16	7.2	NR	3.6	NR	3.9
Barium	**350**	400	221	NR	104	NR	62.1
Cadmium	**2.5**	4.3	1.1	NR	0.47 J	NR	1.1 U
Chromium, Total	NS	NS	19	NR	16.4	NR	21.8
Lead	**63**	400	**607**	NR	**376**	NR	48.4
Mercury	**0.18**	0.81	NT	**0.29**	NT	**0.22**	NT
Selenium	3.9	180	0.53 J	NR	5.2 U	NR	5.4 U
Silver	2	180	1 U	NR	1 U	NR	1.1 U

Table 15
Soil Analytical Results of Metals (Lot 4)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-03_13.5-15.5_20191004	SB-03_13.5-15.5_20191004	SB-04_0-4_20191002	SB-04_0-4_20191002	SB-05_0-5_20191002
		Laboratory Sample ID	460-193055-10	460-193055-10	460-192933-2	460-192933-2	460-192933-1
		Date Sampled	10/4/2019 2:20:00 PM	10/4/2019 2:20:00 PM	10/2/2019 2:35:00 PM	10/2/2019 2:35:00 PM	10/2/2019 11:15:00 AM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	20	3	20	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	**13**	16	NR	1.5	NR	7.1	NR
Barium	**350**	400	NR	63.5	NR	271	NR
Cadmium	**2.5**	4.3	NR	1.3 U	NR	1.3	NR
Chromium, Total	NS	NS	NR	26.1	NR	28.2	NR
Lead	**63**	400	NR	4.5	NR	**643**	NR
Mercury	**0.18**	0.81	0.018 J	NT	**1.2**	NT	**0.34**
Selenium	3.9	180	NR	6.3 U	NR	0.44 J	NR
Silver	2	180	NR	1.3 U	NR	1.1 U	NR

Table 15
Soil Analytical Results of Metals (Lot 4)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-05_0-5_20191002	SB-06_0-2_20191004	SB-06_0-2_20191004	SB-07_0-2_20191004	SB-07_0-2_20191004
		Laboratory Sample ID	460-192933-1	460-193055-1	460-193055-1	460-193055-3	460-193055-3
		Date Sampled	10/2/2019 11:15:00 AM	10/4/2019 8:10:00 AM	10/4/2019 8:10:00 AM	10/4/2019 8:45:00 AM	10/4/2019 8:45:00 AM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	20	1	20	1	20
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	**13**	16	3.3	NR	**15.8**	NR	4
Barium	**350**	400	132	NR	**727**	NR	40.9
Cadmium	**2.5**	4.3	0.44 J	NR	1.6	NR	1 U
Chromium, Total	NS	NS	11.6	NR	37.8	NR	12.2
Lead	**63**	400	**184**	NR	**746**	NR	52.8
Mercury	**0.18**	0.81	NT	**0.81**	NT	0.1	NT
Selenium	3.9	180	5.1 U	NR	1.1 J	NR	5.1 U
Silver	2	180	1 U	NR	1.1 U	NR	1 U

Table 15
Soil Analytical Results of Metals (Lot 4)
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126 Bruckner Boulevard
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		AKRF Sample ID	SB-08_0-2_20191004	SB-08_0-2_20191004	SB-09_0-2_20191004	SB-09_0-2_20191004	SB-10_0-2_20191004
		Laboratory Sample ID	460-193055-2	460-193055-2	460-193055-5	460-193055-5	460-193055-7
		Date Sampled	10/4/2019 8:25:00 AM	10/4/2019 8:25:00 AM	10/4/2019 9:55:00 AM	10/4/2019 9:55:00 AM	10/4/2019 11:15:00 AM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	20	1	20	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	**13**	16	NR	6.4	NR	7	NR
Barium	**350**	400	NR	288	NR	263	NR
Cadmium	**2.5**	4.3	NR	1.3	NR	1.9	NR
Chromium, Total	NS	NS	NR	25.5	NR	19.7	NR
Lead	**63**	400	NR	**2,000**	NR	**708**	NR
Mercury	**0.18**	0.81	**0.92**	NT	**0.73**	NT	**0.52**
Selenium	3.9	180	NR	0.33 J	NR	0.82 J	NR
Silver	2	180	NR	1.1 U	NR	1 U	NR

Table 15
Soil Analytical Results of Metals (Lot 4)
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126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-10_0-2_20191004	SB-11_0-1.5_20191004	SB-11_0-1.5_20191004	SB-12_0-2_20191004	SB-12_0-2_20191004
		Laboratory Sample ID	460-193055-7	460-193055-6	460-193055-6	460-193055-4	460-193055-4
		Date Sampled	10/4/2019 11:15:00 AM	10/4/2019 10:30:00 AM	10/4/2019 10:30:00 AM	10/4/2019 9:25:00 AM	10/4/2019 9:25:00 AM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	20	1	20	1	20
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	**13**	16	6.6	NR	3.9	NR	3.5
Barium	**350**	400	258	NR	87.2	NR	66.5
Cadmium	**2.5**	4.3	0.65 J	NR	0.42 J	NR	0.99 U
Chromium, Total	NS	NS	18.7	NR	15	NR	13.7
Lead	**63**	400	**580**	NR	**173**	NR	**74.7**
Mercury	**0.18**	0.81	NT	**0.23**	NT	0.16	NT
Selenium	3.9	180	0.47 J	NR	5.3 U	NR	4.9 U
Silver	2	180	1.1 U	NR	1.1 U	NR	0.99 U

Table 16
Soil Analytical Results of Pesticides (Lot 4)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

		AKRF Sample ID	SB-01_4.5-6_20191003	SB-01_9-11_20191004	SB-02_0-4.5_20191003	SB-03_0-6_20191003	SB-03_9-11_20191004
		Laboratory Sample ID	460-192933-5	460-193055-8	460-192933-4	460-192933-3	460-193055-9
		Date Sampled	10/3/2019 3:55:00 PM	10/4/2019 9:15:00 AM	10/3/2019 1:45:00 PM	10/3/2019 11:20:00 AM	10/4/2019 1:45:00 PM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0025 U	0.0022 U	0.0022 U	0.0024 U
Alpha Endosulfan	NS	NS	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0025 U	0.0022 U	0.0022 U	0.0024 U
Beta Endosulfan	NS	NS	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0025 U	0.0022 U	0.0022 U	0.0024 U
Dieldrin	0.005	0.2	0.0022 U	0.0025 U	0.0022 U	0.0022 U	0.0024 U
Endosulfan Sulfate	NS	NS	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
Endrin	0.014	11	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
Endrin Aldehyde	NS	NS	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
Endrin Ketone	NS	NS	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0025 U	0.0022 U	0.0022 U	0.0024 U
Heptachlor	0.042	2.1	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
Heptachlor Epoxide	NS	NS	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
Methoxychlor	NS	NS	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
P,P'-DDD	0.0033	13	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
P,P'-DDE	0.0033	8.9	0.0074 U	0.0085 U	0.0074 U	0.0075 U	0.008 U
P,P'-DDT	**0.0033**	7.9	0.0025 J	0.0085 U	**0.006 J**	0.0075 U	0.008 U
Toxaphene	NS	NS	0.074 U	0.085 U	0.074 U	0.075 U	0.08 U

Table 16
Soil Analytical Results of Pesticides (Lot 4)
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		AKRF Sample ID	SB-03_13.5-15.5_20191004	SB-04_0-4_20191002	SB-05_0-5_20191002	SB-06_0-2_20191004	SB-07_0-2_20191004
		Laboratory Sample ID	460-193055-10	460-192933-2	460-192933-1	460-193055-1	460-193055-3
		Date Sampled	10/4/2019 2:20:00 PM	10/2/2019 2:35:00 PM	10/2/2019 11:15:00 AM	10/4/2019 8:10:00 AM	10/4/2019 8:45:00 AM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0025 U	0.0024 U	0.0022 U	0.0024 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0025 U	0.0024 U	0.0022 U	0.0024 U	0.0022 U
Beta Endosulfan	NS	NS	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0025 U	0.0024 U	0.0022 U	0.0024 U	0.0022 U
Dieldrin	0.005	0.2	0.0025 U	0.0024 U	0.0022 U	0.0024 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
Endrin	0.014	11	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
Endrin Aldehyde	NS	NS	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
Endrin Ketone	NS	NS	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
Gamma Bhc (Lindane)	0.1	1.3	0.0025 U	0.0024 U	0.0022 U	0.0024 U	0.0022 U
Heptachlor	0.042	2.1	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
Heptachlor Epoxide	NS	NS	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
Methoxychlor	NS	NS	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
P,P'-DDD	0.0033	13	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
P,P'-DDE	0.0033	8.9	0.0085 U	0.008 U	0.0073 U	0.0081 U	0.0074 U
P,P'-DDT	**0.0033**	7.9	0.0085 U	**0.0048 JP**	0.0029 J	0.0081 U	0.0074 U
Toxaphene	NS	NS	0.085 U	0.08 U	0.073 U	0.081 U	0.074 U

Table 16
Soil Analytical Results of Pesticides (Lot 4)
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		AKRF Sample ID	SB-08_0-2_20191004	SB-09_0-2_20191004	SB-10_0-2_20191004	SB-11_0-1.5_20191004	SB-12_0-2_20191004
		Laboratory Sample ID	460-193055-2	460-193055-5	460-193055-7	460-193055-6	460-193055-4
		Date Sampled	10/4/2019 8:25:00 AM	10/4/2019 9:55:00 AM	10/4/2019 11:15:00 AM	10/4/2019 10:30:00 AM	10/4/2019 9:25:00 AM
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0078 U	0.0076 U	0.0077 U	0.0073 U	0.0072 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0078 U	0.0076 U	0.0077 U	0.0073 U	0.0072 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0078 U	0.0076 U	0.0077 U	0.0073 U	0.0072 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0023 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0078 U	0.0076 U	0.0077 U	0.0073 U	0.0072 U
Endrin	0.014	11	0.0078 U	0.0076 U	0.0077 U	0.0073 U	0.0072 U
Endrin Aldehyde	NS	NS	0.0078 U	0.0076 U	0.0077 U	0.0073 U	0.0072 U
Endrin Ketone	NS	NS	0.0078 U	0.0076 U	0.0077 U	0.0073 U	0.0072 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0078 U	0.0076 U	0.0077 U	0.0073 U	0.0072 U
Heptachlor Epoxide	NS	NS	0.0078 U	0.0076 U	0.0077 U	0.0073 U	0.0072 U
Methoxychlor	NS	NS	0.0078 U	0.0076 U	0.0077 U	0.0073 U	0.0072 U
P,P'-DDD	0.0033	13	0.0078 U	0.0076 U	0.0077 U	0.0073 U	0.0072 U
P,P'-DDE	0.0033	8.9	0.0078 U	0.0076 U	0.002 JP	0.0073 U	0.0072 U
P,P'-DDT	**0.0033**	7.9	0.0078 U	0.0076 U	0.0023 JP	0.0073 U	0.0072 U
Toxaphene	NS	NS	0.078 U	0.076 U	0.077 U	0.073 U	0.072 U

Table 17
Groundwater Analytical Results of Volatile Organic Compounds (Lot 4)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

	AKRF Sample ID	TW-01_20191004	TW-03_20191004
	Laboratory Sample ID	460-193100-1	460-193100-2
	Date Sampled	10/4/2019 10:30:00 AM	10/4/2019 2:50:00 PM
	Unit	µg/L	µg/L
	Dilution Factor	1	5
Compound	**AWQSGV**	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	5 U
1,1,2,2-Tetrachloroethane	5	1 U	5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1 U	5 U
1,1,2-Trichloroethane	1	1 U	5 U
1,1-Dichloroethane	5	1 U	5 U
1,1-Dichloroethene	5	1 U	5 U
1,2,3-Trichlorobenzene	5	1 U	5 U
1,2,4-Trichlorobenzene	5	1 U	5 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	5 U
1,2-Dichlorobenzene	3	1 U	5 U
1,2-Dichloroethane	0.6	1 U	5 U
1,2-Dichloropropane	1	1 U	5 U
1,3-Dichlorobenzene	3	1 U	5 U
1,4-Dichlorobenzene	3	1 U	5 U
2-Hexanone	50	5 U	25 U
Acetone	50	18	50
Benzene	**1**	**5.8**	**90**
Bromochloromethane	5	1 U	5 U
Bromodichloromethane	50	1 U	5 U
Bromoform	50	1 U	5 U
Bromomethane	5	1 U	5 U
Carbon Disulfide	60	1 U	5 U
Carbon Tetrachloride	5	1 U	5 U
Chlorobenzene	5	1 U	5 U
Chloroethane	5	1 UT	5 UT
Chloroform	7	1 U	4.3 J
Chloromethane	5	1 U	5 U
Cis-1,2-Dichloroethylene	5	1 U	5 U
Cis-1,3-Dichloropropene	NS	1 U	5 U
Cyclohexane	NS	7.5	29
Dibromochloromethane	50	1 U	5 U
Dichlorodifluoromethane	5	1 UT	5 U
Ethylbenzene	**5**	1.3	**420**
Isopropylbenzene (Cumene)	**5**	**42**	**49**
M,P-Xylenes	**5**	3.9	**1,200**
Methyl Acetate	NS	5 U	25 U
Methyl Ethyl Ketone (2-Butanone)	50	4.3 J	25 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	25 U
Methylcyclohexane	NS	12	42
Methylene Chloride	5	1 U	5 U
O-Xylene (1,2-Dimethylbenzene)	**5**	3.8	**600**
Styrene	5	1 U	5 U
Tert-Butyl Methyl Ether	**10**	**41**	**21**
Tetrachloroethylene (PCE)	5	1 U	5 U
Toluene	**5**	2.1	**270**
Trans-1,2-Dichloroethene	5	1 U	5 U
Trans-1,3-Dichloropropene	NS	1 U	5 U
Trichloroethylene (TCE)	5	1 U	5 U
Trichlorofluoromethane	5	1 U	5 U
Vinyl Chloride	2	1 U	5 U

Table 18
Groundwater Analytical Results of Semivolatile Organic Compounds (Lot 4)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

	AKRF Sample ID	TW-01_20191004	TW-03_20191004
	Laboratory Sample ID	460-193100-1	460-193100-2
	Date Sampled	10/4/2019 10:30:00 AM	10/4/2019 2:50:00 PM
	Unit	µg/L	µg/L
	Dilution Factor	1	1
Compound	**AWQSGV**	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U
2,4-Dimethylphenol	50	10 U	5.1 J
2,4-Dinitrophenol	10	20 U	20 U
2,4-Dinitrotoluene	5	2 U	2 U
2,6-Dinitrotoluene	5	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U
2-Chlorophenol	NS	10 U	10 U
2-Methylnaphthalene	NS	10 U	29
2-Methylphenol (O-Cresol)	NS	10 U	10 U
2-Nitroaniline	5	10 U	10 U
2-Nitrophenol	NS	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U
3-Nitroaniline	5	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U
4-Chloroaniline	5	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	1.5 J
4-Nitroaniline	5	10 U	10 U
4-Nitrophenol	NS	20 U	20 U
Acenaphthene	20	2.1 J	4.9 J
Acenaphthylene	NS	10 U	10 U
Acetophenone	NS	10 U	46
Anthracene	50	10 U	10 U
Atrazine	7.5	2 U	2 U
Benzaldehyde	NS	10 U	89
Benzo(a)Anthracene	0.002	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U
Caprolactam	NS	10 U	10 U
Carbazole	NS	10 U	1.1 J
Chrysene	0.002	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U
Dibenzofuran	NS	10 U	2 J
Diethyl Phthalate	50	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U
Fluoranthene	50	10 U	10 U
Fluorene	50	2.2 J	2.6 J
Hexachlorobenzene	0.04	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U
Hexachloroethane	5	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U
Isophorone	50	10 U	10 U
Naphthalene	**10**	1.9 J	**78**
Nitrobenzene	0.4	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U
Pentachlorophenol	NS	20 U	20 U
Phenanthrene	50	1.9 J	2.5 J
Phenol	1	10 U	0.83 J
Pyrene	50	10 U	10 U

Table 19
Soil Vapor Analytical Results (Lot 4)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

Sample ID	SV-02_20191004	SV-02_20191004	SV-03_20191004
Lab Sample ID	200-50882-1	200-50882-1	200-50882-2
Date Sampled	10/4/2019 2:05:00 PM	10/4/2019 2:05:00 PM	10/4/2019 1:42:00 PM
Unit	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	1	20	1
Compound	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1.1 U	NT	1.1 U
1,1,2,2-Tetrachloroethane	1.4 U	NT	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.31 J	NT	0.44 J
1,1,2-Trichloroethane	1.1 U	NT	1.1 U
1,1-Dichloroethane	0.81 U	NT	0.81 U
1,1-Dichloroethene	0.14 U	NT	0.14 U
1,2,4-Trichlorobenzene	3.7 U	NT	3.7 U
1,2,4-Trimethylbenzene	11	NT	11
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	NT	1.5 U
1,2-Dichlorobenzene	1.2 U	NT	1.2 U
1,2-Dichloroethane	0.81 U	NT	0.81 U
1,2-Dichloropropane	0.92 U	NT	0.92 U
1,2-Dichlorotetrafluoroethane	1.4 U	NT	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	7.8	NT	8.9
1,3-Butadiene	2.5	NT	0.75
1,3-Dichlorobenzene	0.97 J	NT	1.2 U
1,4-Dichlorobenzene	1.2 U	NT	1.2 U
2,2,4-Trimethylpentane	28	NT	36
2-Chlorotoluene	1 U	NT	1 U
2-Hexanone	6.2	NT	1.9 J
4-Ethyltoluene	7.5	NT	6.2
Acetone	NR	490 D	NR
Allyl Chloride (3-Chloropropene)	1.6 U	NT	1.6 U
Benzene	7.3	NT	3.6
Benzyl Chloride	1 U	NT	1 U
Bromodichloromethane	1.3 U	NT	1.3 U
Bromoform	2.1 U	NT	2.1 U
Bromomethane	0.78 U	NT	0.78 U
Carbon Disulfide	3.2	NT	8.4
Carbon Tetrachloride	1.1	NT	0.37
Chlorobenzene	0.92 U	NT	0.92 U
Chloroethane	1.3 U	NT	1.3 U
Chloroform	8.8	NT	41
Chloromethane	0.81 J	NT	1 U
Cis-1,2-Dichloroethylene	0.2 U	NT	0.2 U
Cis-1,3-Dichloropropene	0.91 U	NT	0.91 U
Cyclohexane	6.5	NT	4.8
Cymene	1 J	NT	1.1
Dibromochloromethane	1.7 U	NT	1.7 U
Dichlorodifluoromethane	1.3 J	NT	1.7 J
Ethylbenzene	6.5	NT	3.6
Hexachlorobutadiene	2.1 U	NT	2.1 U
Isopropanol	12 U	NT	12 U
Isopropylbenzene (Cumene)	4.5	NT	1.3
M,P-Xylenes	27	NT	15
Methyl Ethyl Ketone (2-Butanone)	16	NT	6.4
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	6.6	NT	2.6
Methylene Chloride	0.95 J	NT	1.7 U
Naphthalene	2.6 U	NT	2.6 U
N-Butylbenzene	0.72 J	NT	0.79 J
N-Heptane	21	NT	9.7
N-Hexane	11	NT	18
N-Propylbenzene	2.8	NT	1.8
O-Xylene (1,2-Dimethylbenzene)	31	NT	14
Sec-Butylbenzene	3.1	NT	1.9
Styrene	0.85 U	NT	0.57 J
T-Butylbenzene	1.1 U	NT	1.1 U
Tert-Butyl Alcohol	25	NT	5.7 J
Tert-Butyl Methyl Ether	0.63 J	NT	0.83
Tetrachloroethylene (PCE)	19	NT	24
Tetrahydrofuran	15 U	NT	15 U
Toluene	24	NT	12
Trans-1,2-Dichloroethene	0.79 U	NT	0.79 U
Trans-1,3-Dichloropropene	0.91 U	NT	0.91 U
Trichloroethylene (TCE)	0.19 U	NT	0.65
Trichlorofluoromethane	1.2	NT	1.2
Vinyl Bromide	0.87 U	NT	0.87 U
Vinyl Chloride	0.2 U	NT	0.2 U

Table 19
Soil Vapor Analytical Results (Lot 4)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

Sample ID	SV-03_20191004	SV-04_20191004	SV-05_20191004
Lab Sample ID	200-50882-2	200-50882-3	200-50882-4
Date Sampled	10/4/2019 1:42:00 PM	10/4/2019 1:02:00 PM	10/4/2019 1:11:00 PM
Unit	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	10	4	1
Compound	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NT	1.8 J	1 J
1,1,2,2-Tetrachloroethane	NT	5.5 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NT	6.1 U	0.45 J
1,1,2-Trichloroethane	NT	4.4 U	1.1 U
1,1-Dichloroethane	NT	3.2 U	0.81 U
1,1-Dichloroethene	NT	0.56 U	0.14 U
1,2,4-Trichlorobenzene	NT	15 U	3.7 U
1,2,4-Trimethylbenzene	NT	4.4	35
1,2-Dibromoethane (Ethylene Dibromide)	NT	6.1 U	1.5 U
1,2-Dichlorobenzene	NT	4.8 U	1.2 U
1,2-Dichloroethane	NT	3.2 U	0.81 U
1,2-Dichloropropane	NT	3.7 U	0.92 U
1,2-Dichlorotetrafluoroethane	NT	5.6 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NT	4.3	48
1,3-Butadiene	NT	26	1.6
1,3-Dichlorobenzene	NT	5.1	3.8
1,4-Dichlorobenzene	NT	4.8 U	1.2 U
2,2,4-Trimethylpentane	NT	130	17
2-Chlorotoluene	NT	4.1 U	1 U
2-Hexanone	NT	8.2 U	2 U
4-Ethyltoluene	NT	3.7 J	52
Acetone	210 D	170	NR
Allyl Chloride (3-Chloropropene)	NT	6.3 U	1.6 U
Benzene	NT	17	9.5
Benzyl Chloride	NT	4.1 U	0.97 J
Bromodichloromethane	NT	5.4 U	1.3 U
Bromoform	NT	8.3 U	2.1 U
Bromomethane	NT	3.1 U	0.78 U
Carbon Disulfide	NT	38	42
Carbon Tetrachloride	NT	0.88 U	1.7
Chlorobenzene	NT	3.7 U	0.92 U
Chloroethane	NT	5.3 U	1.3 U
Chloroform	NT	9.4	NR
Chloromethane	NT	4.1 U	1 U
Cis-1,2-Dichloroethylene	NT	0.8 U	2
Cis-1,3-Dichloropropene	NT	3.6 U	0.91 U
Cyclohexane	NT	27	69
Cymene	NT	4.4 U	5.5
Dibromochloromethane	NT	6.8 U	1.7 U
Dichlorodifluoromethane	NT	9.9 U	3.4
Ethylbenzene	NT	6.4	91
Hexachlorobutadiene	NT	8.5 U	2.1 U
Isopropanol	NT	49 U	5.5 J
Isopropylbenzene (Cumene)	NT	6	66
M,P-Xylenes	NT	26	NR
Methyl Ethyl Ketone (2-Butanone)	NT	15	12
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NT	22	16
Methylene Chloride	NT	6.9 U	26
Naphthalene	NT	10 U	2.6 U
N-Butylbenzene	NT	4.4 U	1.1
N-Heptane	NT	37	130
N-Hexane	NT	61	18
N-Propylbenzene	NT	2.2 J	26
O-Xylene (1,2-Dimethylbenzene)	NT	33	NR
Sec-Butylbenzene	NT	1.9 J	32
Styrene	NT	3.4 U	0.85 U
T-Butylbenzene	NT	4.4 U	1.3
Tert-Butyl Alcohol	NT	57 J	53
Tert-Butyl Methyl Ether	NT	21	7.4
Tetrachloroethylene (PCE)	NT	42	85
Tetrahydrofuran	NT	59 U	15 U
Toluene	NT	15	73
Trans-1,2-Dichloroethene	NT	3.2 U	0.79 U
Trans-1,3-Dichloropropene	NT	3.6 U	0.91 U
Trichloroethylene (TCE)	NT	0.75 U	0.19 U
Trichlorofluoromethane	NT	1.4 J	2.1
Vinyl Bromide	NT	3.5 U	0.87 U
Vinyl Chloride	NT	0.8 U	0.2 U

Table 19
Soil Vapor Analytical Results (Lot 4)
Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY

Sample ID	SV-05_20191004	AA-01_20191004
Lab Sample ID	200-50882-4	200-50882-5
Date Sampled	10/4/2019 1:11:00 PM	10/4/2019 1:05:00 PM
Unit	µg/m^3	µg/m^3
Dilution Factor	4	1
Compound	CONC Q	CONC Q
1,1,1-Trichloroethane	NT	1.1 U
1,1,2,2-Tetrachloroethane	NT	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NT	0.37 J
1,1,2-Trichloroethane	NT	1.1 U
1,1-Dichloroethane	NT	0.81 U
1,1-Dichloroethene	NT	0.14 U
1,2,4-Trichlorobenzene	NT	3.7 U
1,2,4-Trimethylbenzene	NT	0.58 J
1,2-Dibromoethane (Ethylene Dibromide)	NT	1.5 U
1,2-Dichlorobenzene	NT	1.2 U
1,2-Dichloroethane	NT	0.81 U
1,2-Dichloropropane	NT	0.92 U
1,2-Dichlorotetrafluoroethane	NT	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NT	0.98 U
1,3-Butadiene	NT	0.44 U
1,3-Dichlorobenzene	NT	1.2 U
1,4-Dichlorobenzene	NT	1.2 U
2,2,4-Trimethylpentane	NT	1.9
2-Chlorotoluene	NT	1 U
2-Hexanone	NT	2 U
4-Ethyltoluene	NT	0.98 U
Acetone	210 D	10 J
Allyl Chloride (3-Chloropropene)	NT	1.6 U
Benzene	NT	1.1
Benzyl Chloride	NT	1 U
Bromodichloromethane	NT	1.3 U
Bromoform	NT	2.1 U
Bromomethane	NT	0.78 U
Carbon Disulfide	NT	1.6 U
Carbon Tetrachloride	NT	0.46
Chlorobenzene	NT	0.92 U
Chloroethane	NT	1.3 U
Chloroform	630 D	0.31 J
Chloromethane	NT	0.92 J
Cis-1,2-Dichloroethylene	NT	0.2 U
Cis-1,3-Dichloropropene	NT	0.91 U
Cyclohexane	NT	0.88
Cymene	NT	1.1 U
Dibromochloromethane	NT	1.7 U
Dichlorodifluoromethane	NT	2.5
Ethylbenzene	NT	0.58 J
Hexachlorobutadiene	NT	2.1 U
Isopropanol	NT	12 U
Isopropylbenzene (Cumene)	NT	0.98 U
M,P-Xylenes	430 D	2.1 J
Methyl Ethyl Ketone (2-Butanone)	NT	1.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NT	2 U
Methylene Chloride	NT	0.8 J
Naphthalene	NT	2.6 U
N-Butylbenzene	NT	1.1 U
N-Heptane	NT	0.92
N-Hexane	NT	2.3
N-Propylbenzene	NT	0.98 U
O-Xylene (1,2-Dimethylbenzene)	380 D	0.8 J
Sec-Butylbenzene	NT	1.1 U
Styrene	NT	0.85 U
T-Butylbenzene	NT	1.1 U
Tert-Butyl Alcohol	NT	15 U
Tert-Butyl Methyl Ether	NT	0.72 U
Tetrachloroethylene (PCE)	NT	1.4
Tetrahydrofuran	NT	15 U
Toluene	NT	3.6
Trans-1,2-Dichloroethene	NT	0.79 U
Trans-1,3-Dichloropropene	NT	0.91 U
Trichloroethylene (TCE)	NT	0.19 U
Trichlorofluoromethane	NT	1.2
Vinyl Bromide	NT	0.87 U
Vinyl Chloride	NT	0.2 U

Remedial Investigation Report
126 Bruckner Boulevard
Bronx, NY
Notes

GENERAL

D : Indicates an identified compound in an analysis that has been diluted.

J : The reported value is estimated

ND : The standard is a non-detectable concentration by the approved analytical method

NR : Not reported.

NS : No standard.

NT : Not tested.

P : This flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis.

T : Indicates that a quality control parameter has exceeded laboratory limits.

U : Indicates that the compound was analyzed for, but not detected.

mg/kg : milligrams per kilogram = parts per million (ppm)

µg/L : micrograms per Liter

µg/m^3 : micrograms per cubic meter of air

STANDARDS

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).

Exceedances of Part 375 Unrestricted Soil Cleanup Objectives (UUSCOs) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray.

NYSDEC Class GA AWQSGVs : New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs).

Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font and gray shading.

0 800 1,600

SCALE IN FEET

AKRF

440 Park Avenue South, New York, NY 10016

126 Bruckner Owner

New York, New York

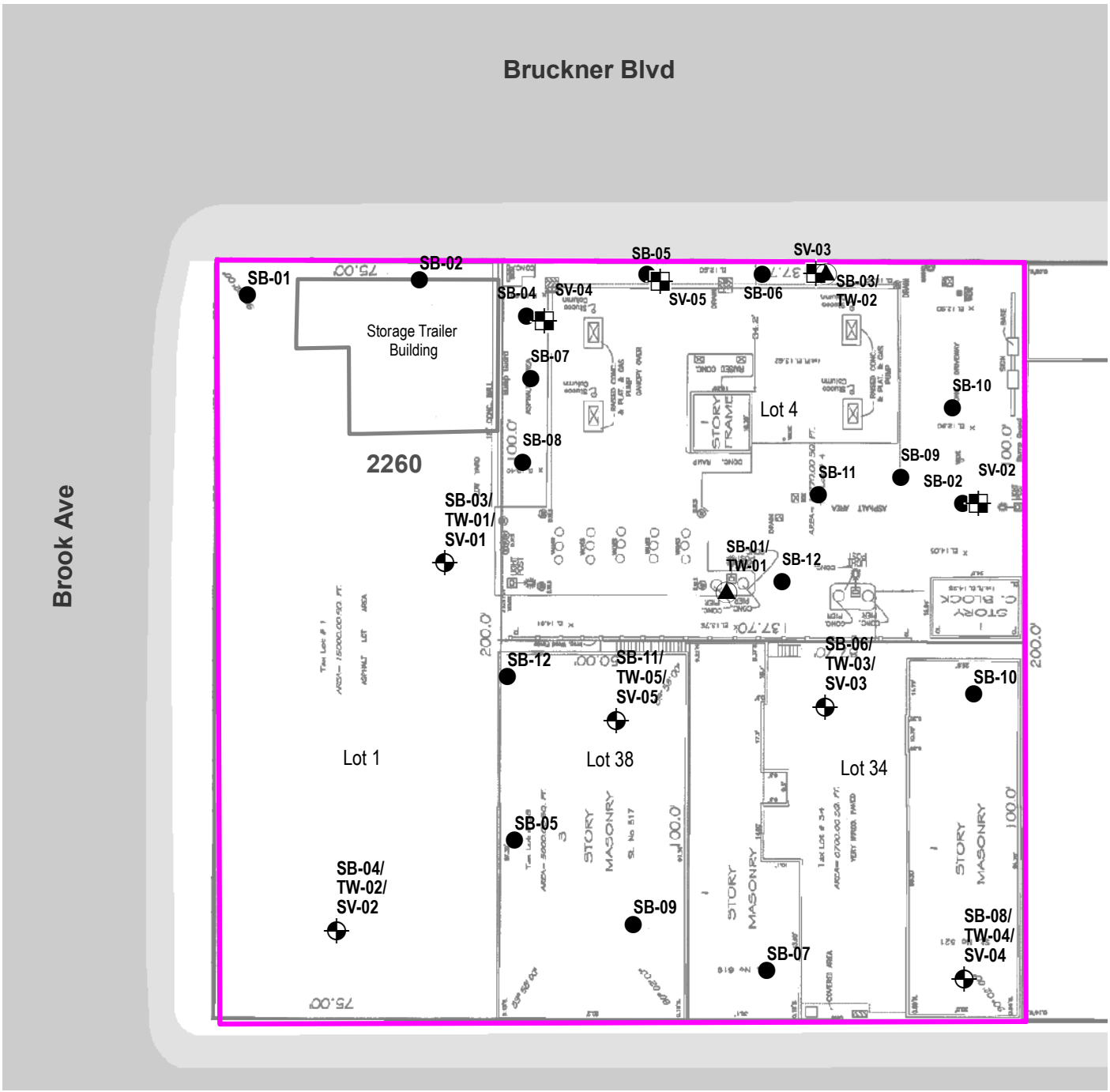
SITE LOCATION

DATE **9/30/2022**

PROJECT NO. **220148**

FIGURE **1**

AKRF O:\Projects\220148 - 126 BRUCKNER OWNER\SAR\220148\220148.aprx9/30/2022 3:22 PM220148 Figure 1 - Site Locationjszalus



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database.

LEGEND

- PROJECT SITE BOUNDARY
- SOIL BORING LOCATION
- SOIL BORING/TEMPORARY WELL/SOIL VAPOR POINT
- TEMPORARY MONITORING WELL LOCATION
- TEMP SOIL VAPOR POINT SAMPLE LOCATION

AKRF
440 Park Avenue South, New York, NY 10016

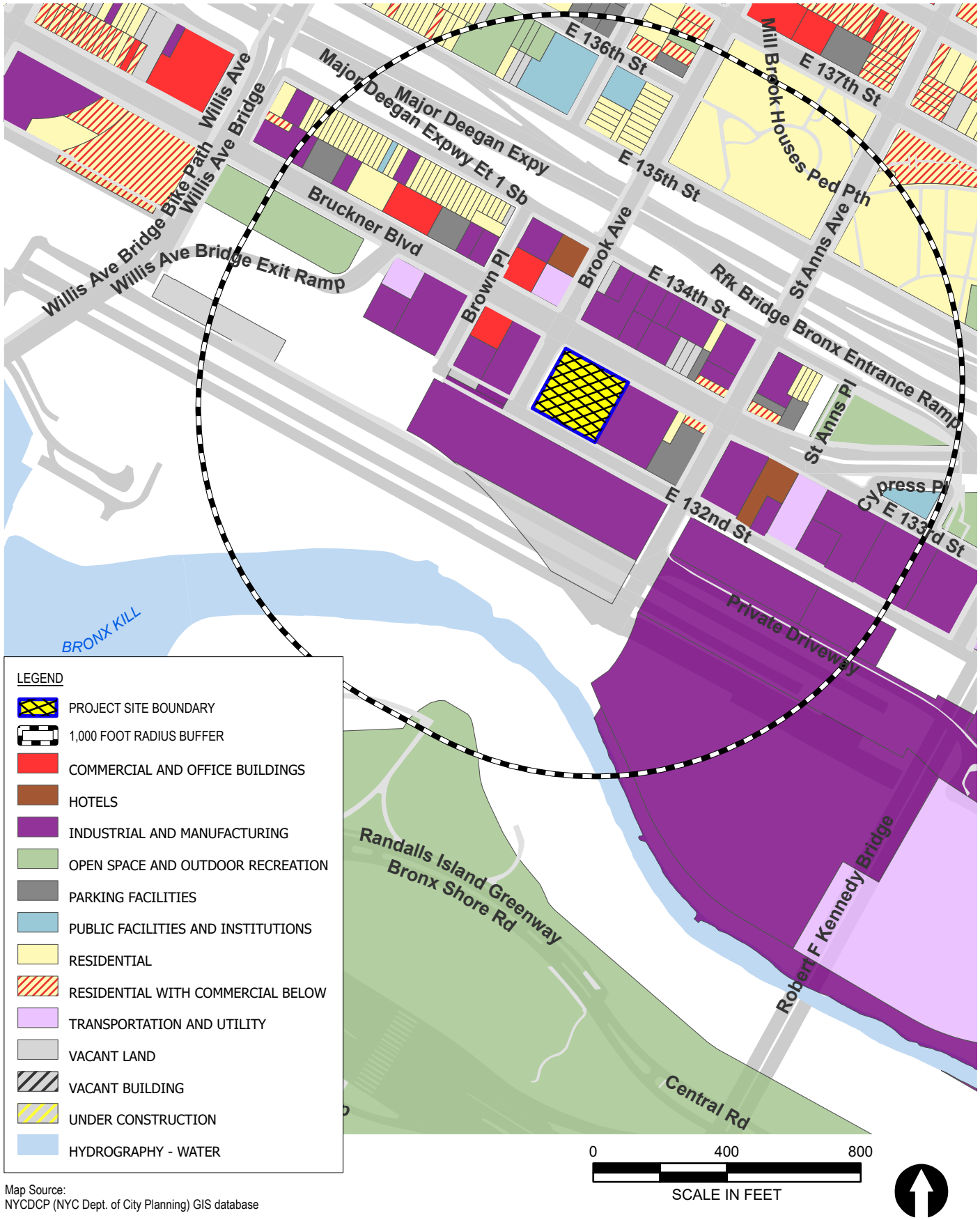
126 Brucker Boulevard
Bronx, New York

SITE PLAN AND SAMPLE LOCATIONS

DATE
10/14/2022

PROJECT NO.
220148

FIGURE
2



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

AKRF O:\Projects\220148 - 126 BRUCKNER OWNER\SAR\220148\220148 RIR Figures 1_3_4B_5B_6B.aprx10/5/2022 6:22 PMFig 3 Surrounding Land Useiszalus

AKRF
440 Park Avenue South, New York, NY 10016

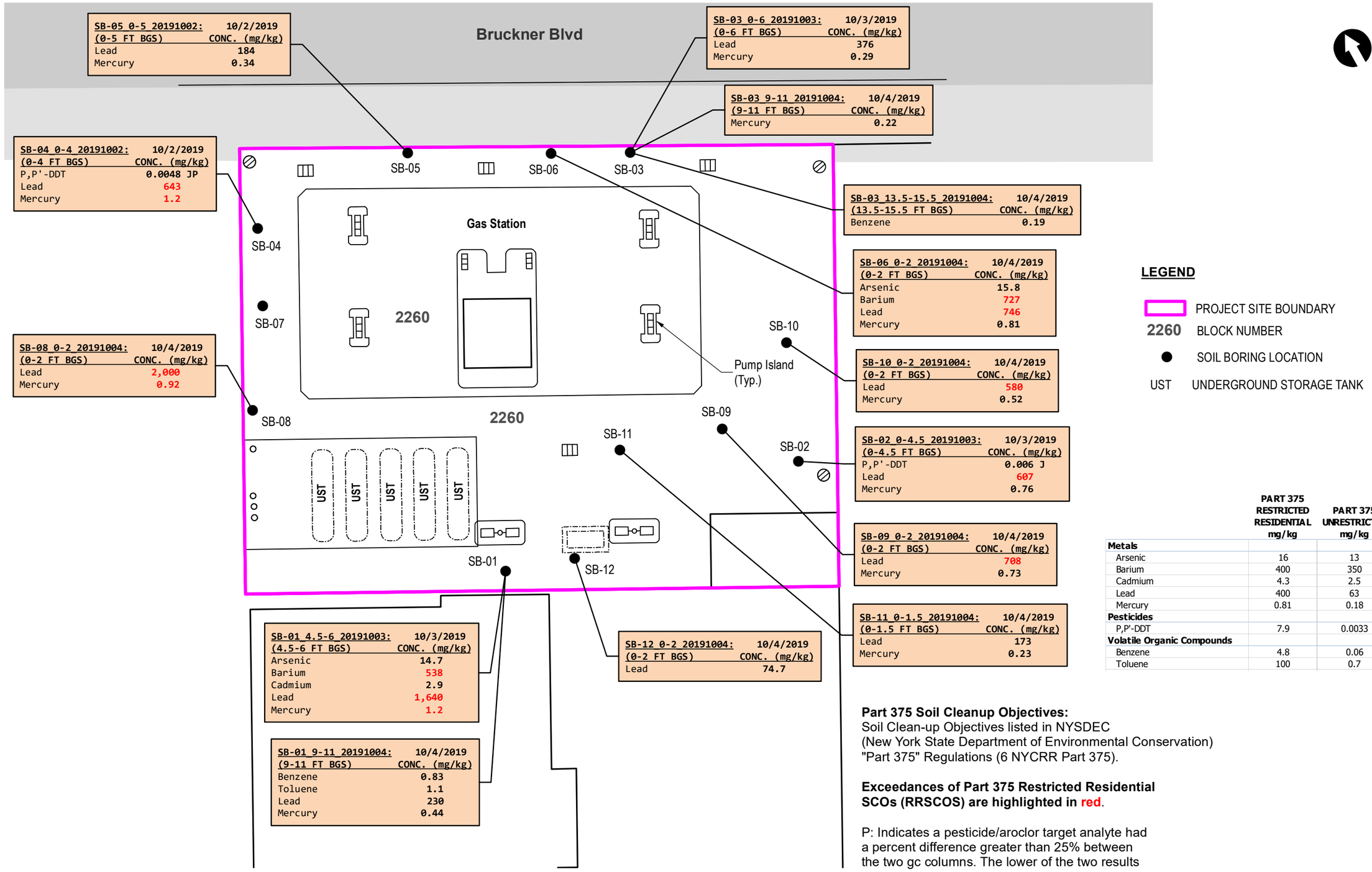
126 Bruckner Boulevard
New York, New York

SURROUNDING LAND USE

DATE
10/5/2022

PROJECT NO.
220148

FIGURE
3



LEGEND

- PROJECT SITE BOUNDARY
- 2260 BLOCK NUMBER
- SOIL BORING LOCATION
- UST UNDERGROUND STORAGE TANK

	PART 375 RESTRICTED RESIDENTIAL mg/kg	PART 375 UNRESTRICTED mg/kg
Metals		
Arsenic	16	13
Barium	400	350
Cadmium	4.3	2.5
Lead	400	63
Mercury	0.81	0.18
Pesticides		
P,P'-DDT	7.9	0.0033
Volatile Organic Compounds		
Benzene	4.8	0.06
Toluene	100	0.7

Part 375 Soil Cleanup Objectives:
Soil Clean-up Objectives listed in NYSDEC
(New York State Department of Environmental Conservation)
"Part 375" Regulations (6 NYCRR Part 375).

Exceedances of Part 375 Restricted Residential SCOs (RRSCOS) are highlighted in red.

P: Indicates a pesticide/aroclor target analyte had a percent difference greater than 25% between the two gc columns. The lower of the two results is reported.

J: The reported value is estimated

mg/kg:milligrams per kilogram = parts per million (ppm)

0 20 40
SCALE IN FEET

Map Source:
Envirotrac Environmental Services, "Site Map", Dated January 21, 2015.

AKRF
440 Park Avenue South, New York, NY 10016

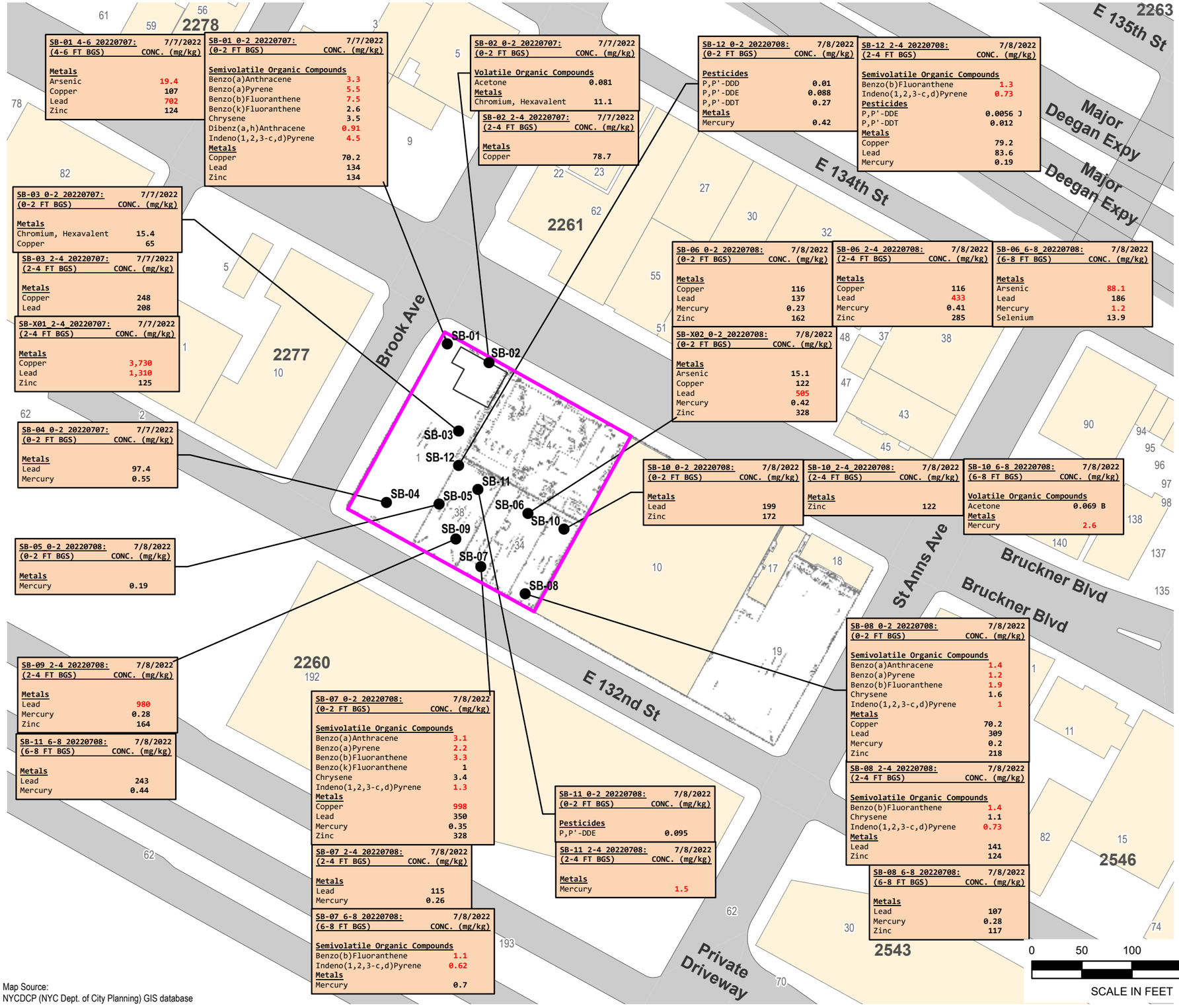
126 Brucker Boulevard
Bronx, New York

Soil Analytical Results Exceedances Above UUSCOs and/or SSCOs (Lot 4)

DATE
10/10/2022

PROJECT NO.
220148

FIGURE
4A



LEGEND

- SITE BOUNDARY
- 5 LOT BOUNDARY AND TAX LOT NUMBER
- 2546 BLOCK NUMBER
- BUILDING

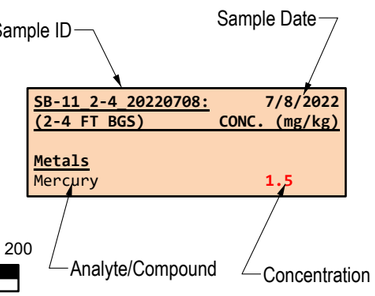
Part 375 Soil Cleanup Objectives (SCOs): SCOs listed in the New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations (6 NYCRR Part 375).

Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.
Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in red.

mg/kg:milligrams per kilogram = parts per million (ppm)

J: The concentration given is an estimated value.
B: Indicates the analyte is detected in the associated blank as well as in the sample.

	UUSCO mg/kg	RRSCO mg/kg
Volatile Organic Compounds		
Acetone	0.05	100
Semivolatile Organic Compounds		
Benzo(a)Anthracene	1	1
Benzo(a)Pyrene	1	1
Benzo(b)Fluoranthene	1	1
Benzo(k)Fluoranthene	0.8	3.9
Chrysene	1	3.9
Dibenz(a,h)Anthracene	0.33	0.33
Indeno(1,2,3-c,d)Pyrene	0.5	0.5
Pesticides		
P,P'-DDD	0.0033	13
P,P'-DDE	0.0033	8.9
P,P'-DDT	0.0033	7.9
Metals		
Arsenic	13	16
Chromium, Hexavalent	1	110
Copper	50	270
Lead	63	400
Mercury	0.18	0.81
Selenium	3.9	180
Zinc	109	10000



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

AKRF
440 Park Avenue South, New York, NY 10016

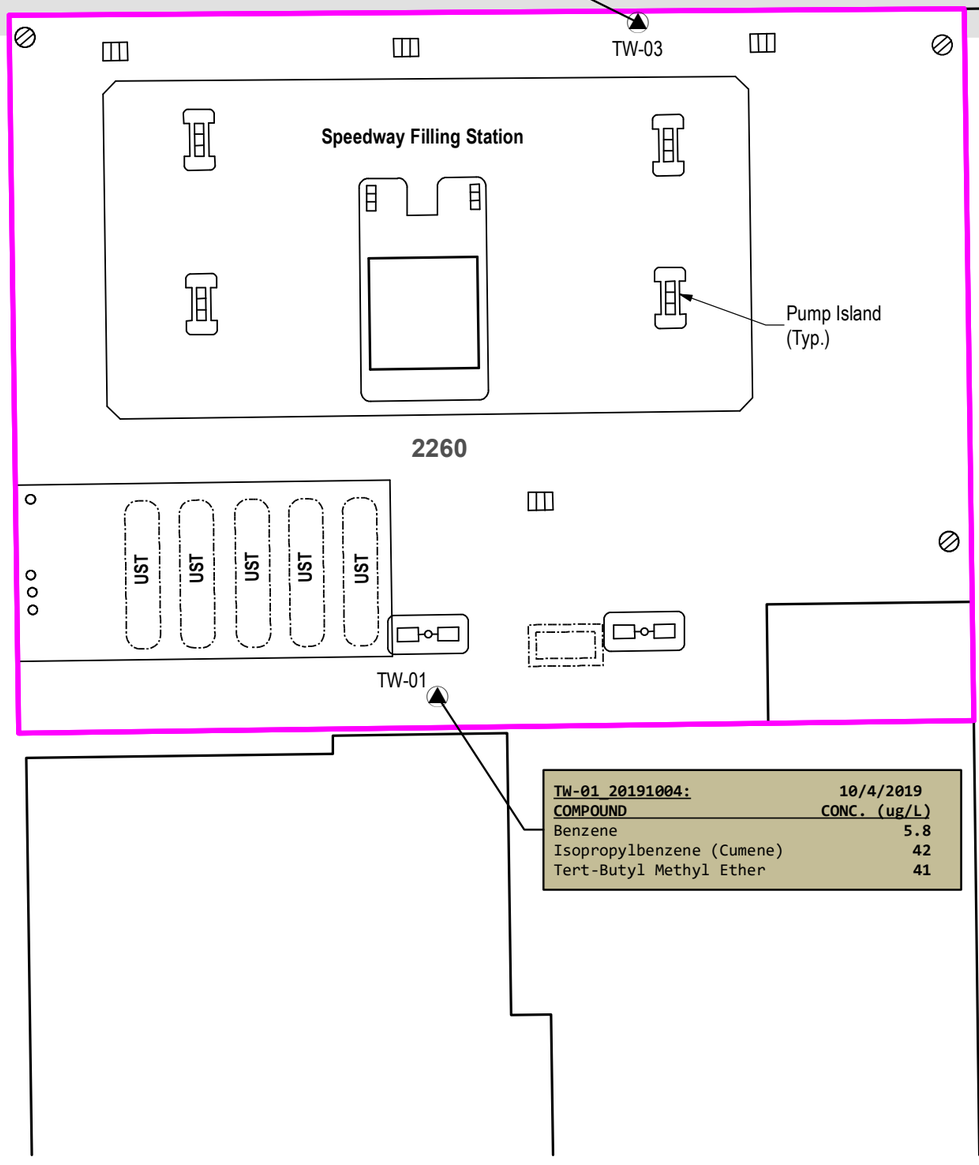
126 Bruckner Boulevard
New York, New York

Soil Analytical Results Exceedances Above UUSCOs and/or SSCOs (Lots 1, 34, and 38)

DATE
10/14/2022

PROJECT NO.
220148

FIGURE
4B



TW-03 20191004:	10/4/2019
COMPOUND	CONC. (ug/L)
Benzene	90
Ethylbenzene	420
Isopropylbenzene (Cumene)	49
M,P-Xylenes	1,200
O-Xylene (1,2-Dimethylbenzene)	600
Tert-Butyl Methyl Ether	21
Toluene	270
Naphthalene	78

TW-01 20191004:	10/4/2019
COMPOUND	CONC. (ug/L)
Benzene	5.8
Isopropylbenzene (Cumene)	42
Tert-Butyl Methyl Ether	41

PROJECT SITE BOUNDARY

2260 BLOCK NUMBER

TEMPORARY WELL LOCATION

UST UNDERGROUND STORAGE TANK

	NYSDEC AWQSGVs µg/L
Volatile Organic Compounds	
Benzene	1
Ethylbenzene	5
Isopropylbenzene (Cumene)	5
M,P-Xylenes	5
Naphthalene	10
O-Xylene (1,2-Dimethylbenzene)	5
Tert-Butyl Methyl Ether	10
Toluene	5

Groundwater Samples above NYSDEC AWQSGVs:

GROUNDWATER
NYSDEC TOGS Class GA Ambient Water Quality Standard and Guidance Values (AWQSGVs):
New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) (1.1.1):

µg/L : micrograms per Liter = parts per billion (ppb)

Exceedances of NYSDEC AWQSGVs are shown in bold font.

0 20 40
SCALE IN FEET

Map Source:
Envirotrac Environmental Services, "Site Map", Dated January 21, 2015.

AKRF
440 Park Avenue South, New York, NY 10016

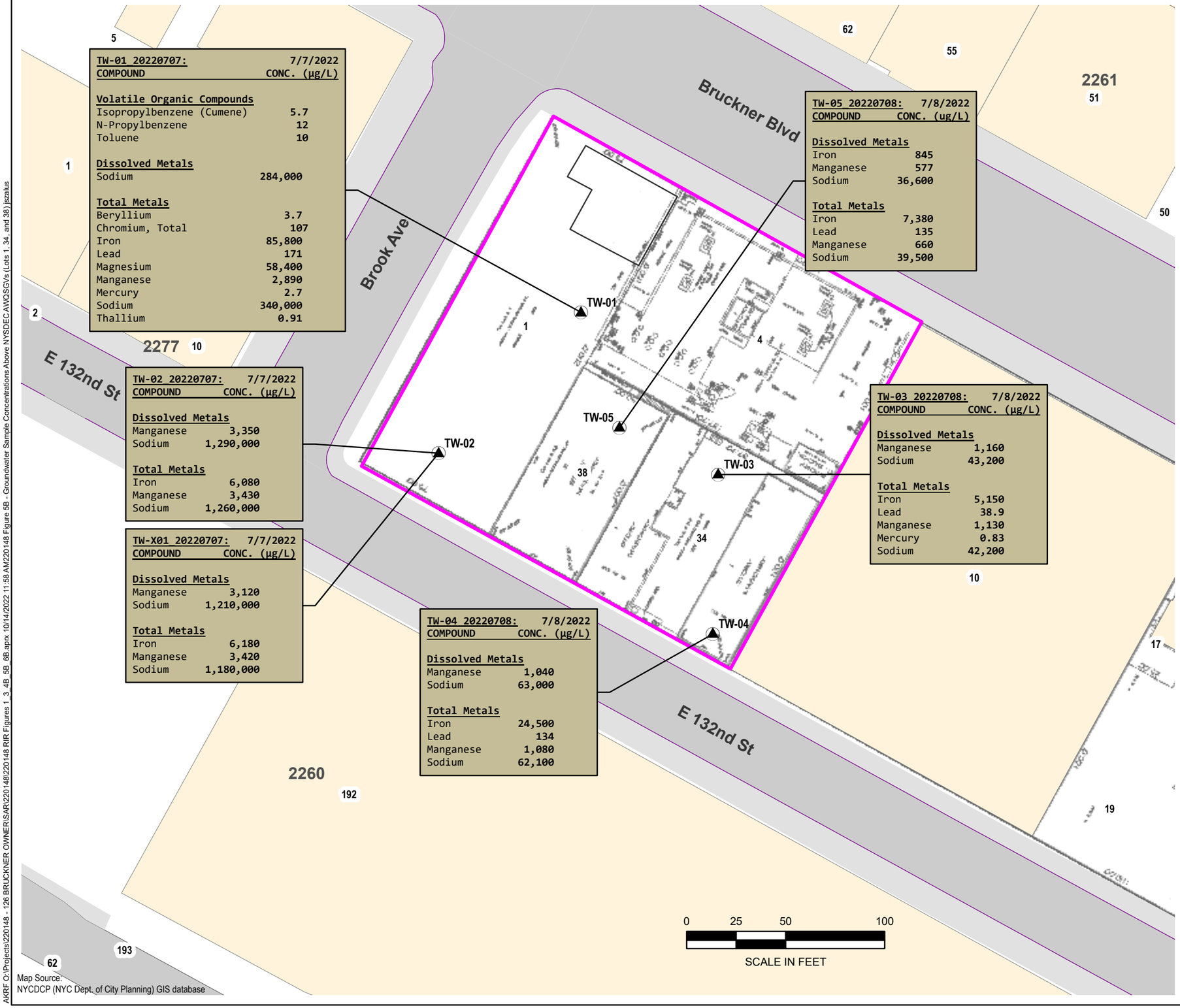
126 Brucker Boulevard
Bronx, New York

Groundwater Sample Concentrations Above NYSDEC AWQSGVs (Lot 4)

DATE
10/10/2022

PROJECT NO.
220148

FIGURE
5A



LEGEND

- SITE BOUNDARY
- 5 — LOT BOUNDARY AND TAX LOT NUMBER
- 2546 — BLOCK NUMBER
- BUILDING
- TEMPORARY MONITORING WELL

GROUNDWATER optional to include this **NYSDEC TOGS Class GA Ambient Water Quality Standard and Guidance Values (AWQSGVs):**
New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series (TOGS) (1.1.1):

µg/L: micrograms per Liter = parts per billion (ppb)

Only Exceedances of NYSDEC AWQSGVs are shown in bold font.

	NYSDEC AWQSGVs ug/l
Volatile Organic Compounds	
Isopropylbenzene (Cumene)	5
N-Propylbenzene	5
Toluene	5
Metals	
Beryllium	3
Chromium, Total	50
Iron	300
Lead	25
Magnesium	35000
Manganese	300
Mercury	0.7
Sodium	20000
Thallium	0.5

Sample ID — Sample Date

TW-04 20220708: 7/8/2022
COMPOUND CONC. (µg/L)
Dissolved Metals
Manganese **1,040**
Sodium **63,000**
Total Metals
Iron **24,500**
Lead **134**
Manganese **1,080**
Sodium **62,100**

Analyte/Compound — Concentration

AKRF
440 Park Avenue South, New York, NY 10016

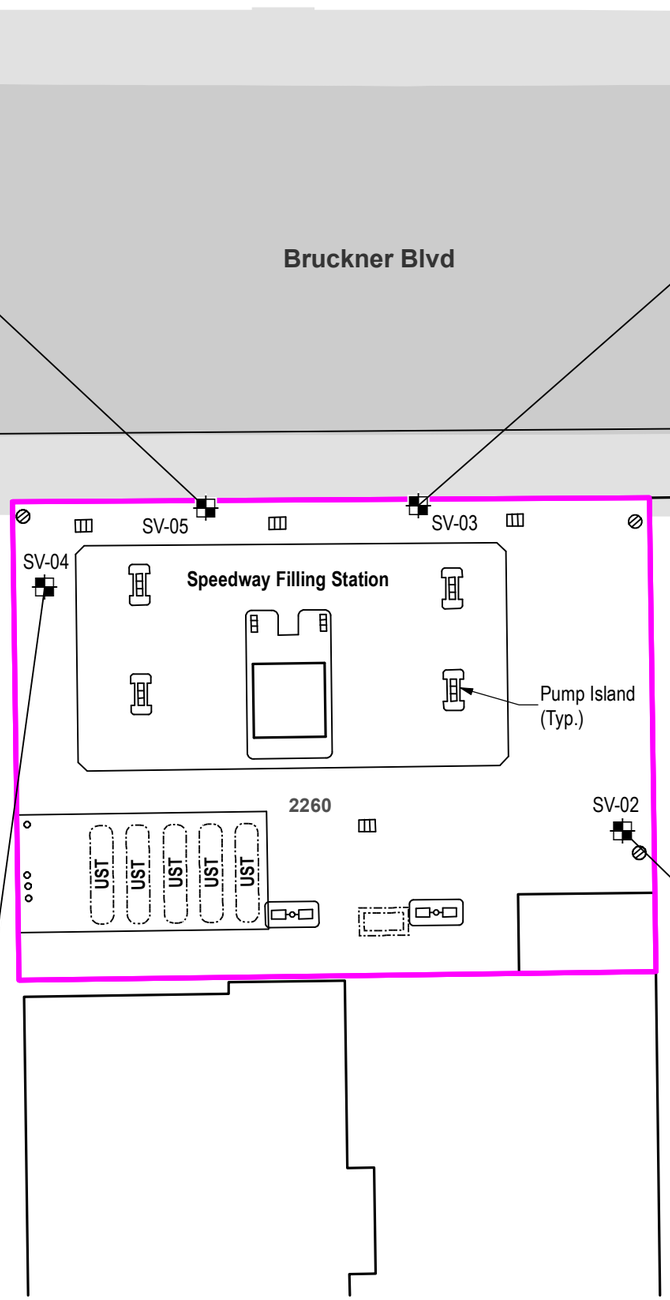
126 Bruckner Boulevard
New York, New York

Groundwater Sample Concentrations Above NYSDEC AWQSGVs (Lots 1, 34, and 38)

DATE
10/14/2022
PROJECT NO.
220148
FIGURE
5B

SV-05_20191004:	10/4/2019
COMPOUND	CONC. (ug/m3)
1,1,1-Trichloroethane	1 J
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.45 J
1,2,4-Trimethylbenzene	35
1,3-Butadiene	1.6
1,3-Dichlorobenzene	3.8
1,3,5-Trimethylbenzene (Mesitylene)	48
2,2,4-Trimethylpentane	17
4-Ethyltoluene	52
Acetone	210 D
Benzene	9.5
Benzyl Chloride	0.97 J
Carbon Disulfide	42
Carbon Tetrachloride	1.7
Chloroform	630 D
Cis-1,2-Dichloroethylene	2
Cyclohexane	69
Cymene	5.5
Dichlorodifluoromethane	3.4
Ethylbenzene	91
Isopropanol	5.5 J
Isopropylbenzene (Cumene)	66
M,P-Xylenes	430 D
Methyl Ethyl Ketone (2-Butanone)	12
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	16
Methylene Chloride	26
N-Butylbenzene	1.1
N-Heptane	130
N-Hexane	18
N-Propylbenzene	26
O-Xylene (1,2-Dimethylbenzene)	380 D
Sec-Butylbenzene	32
T-Butylbenzene	1.3
Tert-Butyl Alcohol	53
Tert-Butyl Methyl Ether	7.4
Tetrachloroethylene (PCE)	85
Toluene	73
Trichlorofluoromethane	2.1

SV-04_20191004:	10/4/2019
COMPOUND	CONC. (ug/m3)
1,1,1-Trichloroethane	1.8 J
1,2,4-Trimethylbenzene	4.4
1,3-Butadiene	26
1,3-Dichlorobenzene	5.1
1,3,5-Trimethylbenzene (Mesitylene)	4.3
2,2,4-Trimethylpentane	130
4-Ethyltoluene	3.7 J
Acetone	170
Benzene	17
Carbon Disulfide	38
Chloroform	9.4
Cyclohexane	27
Ethylbenzene	6.4
Isopropylbenzene (Cumene)	6
M,P-Xylenes	26
Methyl Ethyl Ketone (2-Butanone)	15
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	22
N-Heptane	37
N-Hexane	61
N-Propylbenzene	2.2 J
O-Xylene (1,2-Dimethylbenzene)	33
Sec-Butylbenzene	1.9 J
Tert-Butyl Alcohol	57 J
Tert-Butyl Methyl Ether	21
Tetrachloroethylene (PCE)	42
Toluene	15
Trichlorofluoromethane	1.4 J



SV-03_20191004:	10/4/2019
COMPOUND	CONC. (ug/m3)
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.44 J
1,2,4-Trimethylbenzene	11
1,3-Butadiene	0.75
1,3,5-Trimethylbenzene (Mesitylene)	8.9
2-Hexanone	1.9 J
2,2,4-Trimethylpentane	36
4-Ethyltoluene	6.2
Acetone	210 D
Benzene	3.6
Carbon Disulfide	8.4
Carbon Tetrachloride	0.37
Chloroform	41
Cyclohexane	4.8
Cymene	1.1
Dichlorodifluoromethane	1.7 J
Ethylbenzene	3.6
Isopropylbenzene (Cumene)	1.3
M,P-Xylenes	15
Methyl Ethyl Ketone (2-Butanone)	6.4
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2.6
N-Butylbenzene	0.79 J
N-Heptane	9.7
N-Hexane	18
N-Propylbenzene	1.8
O-Xylene (1,2-Dimethylbenzene)	14
Sec-Butylbenzene	1.9
Styrene	0.57 J
Tert-Butyl Alcohol	5.7 J
Tert-Butyl Methyl Ether	0.83
Tetrachloroethylene (PCE)	24
Toluene	12
Trichloroethylene (TCE)	0.65
Trichlorofluoromethane	1.2

SV-02_20191004:	10/4/2019
COMPOUND	CONC. (ug/m3)
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.31 J
1,2,4-Trimethylbenzene	11
1,3-Butadiene	2.5
1,3-Dichlorobenzene	0.97 J
1,3,5-Trimethylbenzene (Mesitylene)	7.8
2-Hexanone	6.2
2,2,4-Trimethylpentane	28
4-Ethyltoluene	7.5
Acetone	490 D
Benzene	7.3
Carbon Disulfide	3.2
Carbon Tetrachloride	1.1
Chloroform	8.8
Chloromethane	0.81 J
Cyclohexane	6.5
Cymene	1 J
Dichlorodifluoromethane	1.3 J
Ethylbenzene	6.5
Isopropylbenzene (Cumene)	4.5
M,P-Xylenes	27
Methyl Ethyl Ketone (2-Butanone)	16
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	6.6
Methylene Chloride	0.95 J
N-Butylbenzene	0.72 J
N-Heptane	21
N-Hexane	11
N-Propylbenzene	2.8
O-Xylene (1,2-Dimethylbenzene)	31
Sec-Butylbenzene	3.1
Tert-Butyl Alcohol	25
Tert-Butyl Methyl Ether	0.63 J
Tetrachloroethylene (PCE)	19
Toluene	24
Trichlorofluoromethane	1.2

PROJECT SITE BOUNDARY

2260 BLOCK NUMBER

SOIL VAPOR SAMPLE LOCATION

UST UNDERGROUND STORAGE TANK

SOIL VAPOR

µg/m³ - micrograms per cubic meter

D: Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

J: The reported value is estimated

0 30 60

SCALE IN FEET

Map Source:
Envirotrac Environmental Services, "Site Map", Dated January 21, 2015.

AKRF
440 Park Avenue South, New York, NY 10016

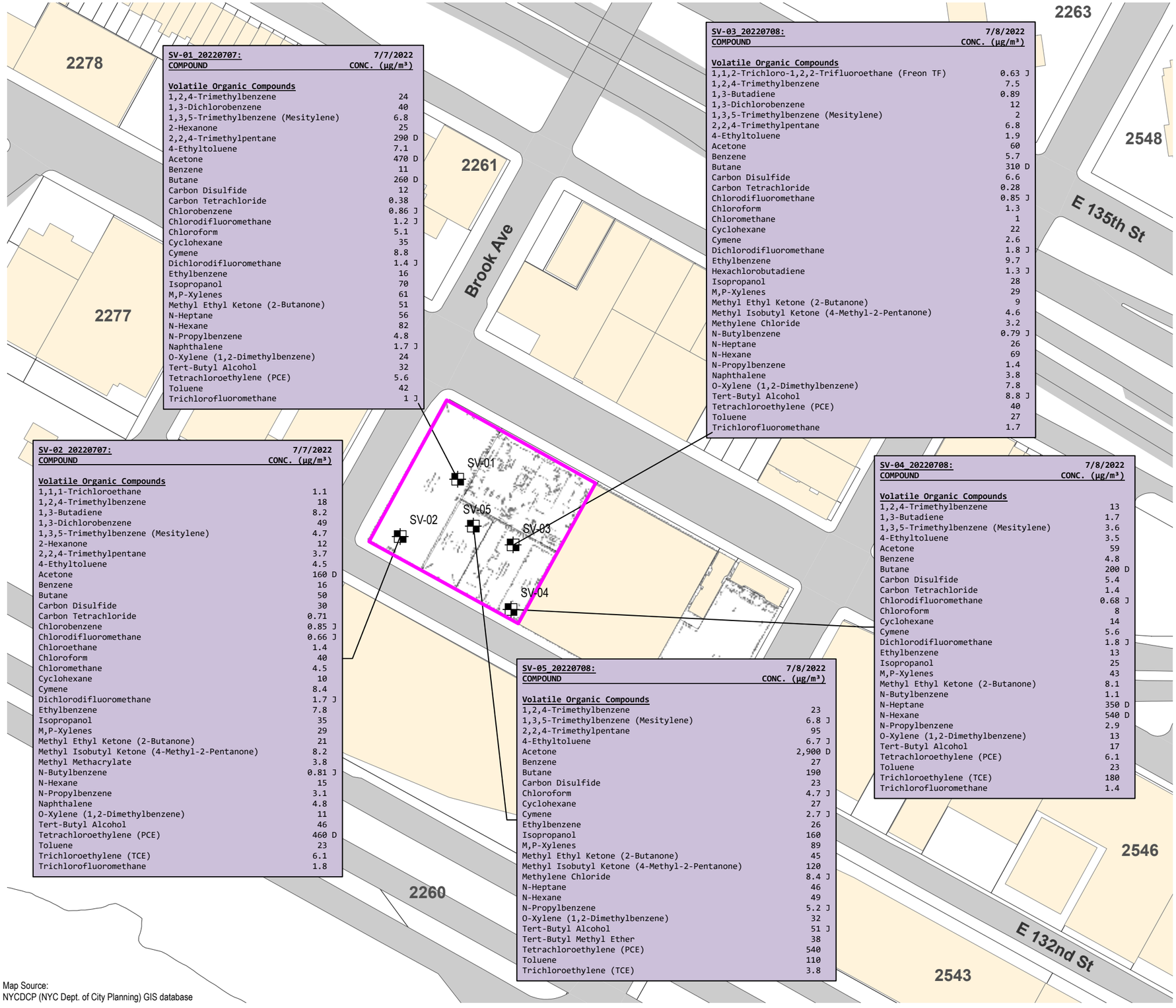
126 Brucker Boulevard
Bronx, New York

Soil Vapor Detections (Lot 4)

DATE
10/7/2022

PROJECT NO.
220148

FIGURE
6A



SV-01_20220707: 7/7/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	24
1,3-Dichlorobenzene	40
1,3,5-Trimethylbenzene (Mesitylene)	6.8
2-Hexanone	25
2,2,4-Trimethylpentane	290 D
4-Ethyltoluene	7.1
Acetone	470 D
Benzene	11
Butane	260 D
Carbon Disulfide	12
Carbon Tetrachloride	0.38
Chlorobenzene	0.86 J
Chlorodifluoromethane	1.2 J
Chloroform	5.1
Cyclohexane	35
Cymene	8.8
Dichlorodifluoromethane	1.4 J
Ethylbenzene	16
Isopropanol	70
M,P-Xylenes	61
Methyl Ethyl Ketone (2-Butanone)	51
N-Heptane	56
N-Hexane	82
N-Propylbenzene	4.8
Naphthalene	1.7 J
O-Xylene (1,2-Dimethylbenzene)	24
Tert-Butyl Alcohol	32
Tetrachloroethylene (PCE)	5.6
Toluene	42
Trichlorofluoromethane	1 J

SV-02_20220707: 7/7/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,1-Trichloroethane	1.1
1,2,4-Trimethylbenzene	18
1,3-Butadiene	8.2
1,3-Dichlorobenzene	49
1,3,5-Trimethylbenzene (Mesitylene)	4.7
2-Hexanone	12
2,2,4-Trimethylpentane	3.7
4-Ethyltoluene	4.5
Acetone	160 D
Benzene	16
Butane	50
Carbon Disulfide	30
Carbon Tetrachloride	0.71
Chlorobenzene	0.85 J
Chlorodifluoromethane	0.66 J
Chloroethane	1.4
Chloroform	40
Chloromethane	4.5
Cyclohexane	10
Cymene	8.4
Dichlorodifluoromethane	1.7 J
Ethylbenzene	7.8
Isopropanol	35
M,P-Xylenes	29
Methyl Ethyl Ketone (2-Butanone)	21
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	8.2
Methyl Methacrylate	3.8
N-Butylbenzene	0.81 J
N-Hexane	15
N-Propylbenzene	3.1
Naphthalene	4.8
O-Xylene (1,2-Dimethylbenzene)	11
Tert-Butyl Alcohol	46
Tetrachloroethylene (PCE)	460 D
Toluene	23
Trichloroethylene (TCE)	6.1
Trichlorofluoromethane	1.8

SV-03_20220708: 7/8/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.63 J
1,2,4-Trimethylbenzene	7.5
1,3-Butadiene	0.89
1,3-Dichlorobenzene	12
1,3,5-Trimethylbenzene (Mesitylene)	2
2,2,4-Trimethylpentane	6.8
4-Ethyltoluene	1.9
Acetone	60
Benzene	5.7
Butane	310 D
Carbon Disulfide	6.6
Carbon Tetrachloride	0.28
Chlorodifluoromethane	0.85 J
Chloroform	1.3
Chloromethane	1
Cyclohexane	22
Cymene	2.6
Dichlorodifluoromethane	1.8 J
Ethylbenzene	9.7
Hexachlorobutadiene	1.3 J
Isopropanol	28
M,P-Xylenes	29
Methyl Ethyl Ketone (2-Butanone)	9
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	4.6
Methylene Chloride	3.2
N-Butylbenzene	0.79 J
N-Heptane	26
N-Hexane	69
N-Propylbenzene	1.4
Naphthalene	3.8
O-Xylene (1,2-Dimethylbenzene)	7.8
Tert-Butyl Alcohol	8.8 J
Tetrachloroethylene (PCE)	40
Toluene	27
Trichlorofluoromethane	1.7

SV-04_20220708: 7/8/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	13
1,3-Butadiene	1.7
1,3,5-Trimethylbenzene (Mesitylene)	3.6
4-Ethyltoluene	3.5
Acetone	59
Benzene	4.8
Butane	200 D
Carbon Disulfide	5.4
Carbon Tetrachloride	1.4
Chlorodifluoromethane	0.68 J
Chloroform	8
Cyclohexane	14
Cymene	5.6
Dichlorodifluoromethane	1.8 J
Ethylbenzene	13
Isopropanol	25
M,P-Xylenes	43
Methyl Ethyl Ketone (2-Butanone)	8.1
N-Butylbenzene	1.1
N-Heptane	350 D
N-Hexane	540 D
N-Propylbenzene	2.9
O-Xylene (1,2-Dimethylbenzene)	13
Tert-Butyl Alcohol	17
Tetrachloroethylene (PCE)	6.1
Toluene	23
Trichloroethylene (TCE)	180
Trichlorofluoromethane	1.4

SV-05_20220708: 7/8/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	23
1,3,5-Trimethylbenzene (Mesitylene)	6.8 J
2,2,4-Trimethylpentane	95
4-Ethyltoluene	6.7 J
Acetone	2,900 D
Benzene	27
Butane	190
Carbon Disulfide	23
Chloroform	4.7 J
Cyclohexane	27
Cymene	2.7 J
Ethylbenzene	26
Isopropanol	160
M,P-Xylenes	89
Methyl Ethyl Ketone (2-Butanone)	45
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	120
Methylene Chloride	8.4 J
N-Heptane	46
N-Hexane	49
N-Propylbenzene	5.2 J
O-Xylene (1,2-Dimethylbenzene)	32
Tert-Butyl Alcohol	51 J
Tert-Butyl Methyl Ether	38
Tetrachloroethylene (PCE)	540
Toluene	110
Trichloroethylene (TCE)	3.8

LEGEND

- SITE BOUNDARY
- LOT BOUNDARY
- 2546 BLOCK NUMBER
- BUILDING

SOIL VAPOR

µg/m³- micrograms per cubic meter

J: The reported value is estimated.
D: Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.

Air Detections are shown in bold font.

0 125 250

SCALE IN FEET

Sample ID — Sample Date

SV-04_20220708: 7/8/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
Trichloroethylene (TCE)	**180**

Analyte/Compound — Concentration

Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

AKRF
440 Park Avenue South, New York, NY 10016

126 Bruckner Boulevard
New York, New York

Soil Vapor Detections (Lots 1, 34, and 38)

DATE
10/14/2022

PROJECT NO.
220148

FIGURE
6B