975 NOSTRAND AVENUE

BROOKLYN, NEW YORK

Remedial Investigation Report

BCP Site Number: C224335

AKRF Project Number: 210225

Prepared for:

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SEPTEMBER 2022

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LIST OF ACRONYMS

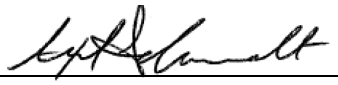
Acronym	Definition
ACM	Asbestos Containing Material
AOC	Area of Concern
ASTM	American Society for Testing and Materials
AST	Aboveground Storage Tank
AWQSGVs	Ambient Water Quality Standards and Guidance Values
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	Below ground surface
BTEX	A group of VOCs comprising benzene, toluene, ethylbenzene, and xylenes
CAMP	Community Air Monitoring Plan
CFC	Chlorofluorocarbon
CO	Certificate of Occupancy
CoC	Chain of Custody
COC	Contaminants of Concern
CVOC	Chlorinated Volatile Organic Compound
DER	Division of Environmental Remediation
DOB	New York City Department of Buildings
DOT	Department of Transportation
DPP	Direct-push Probe
DUSR	Data Usability Summary Report
EB	Equipment Blank
EC	Engineering Control
ELAP	New York State Environmental Laboratory Approval Program
EPA	United States Environmental Protection Agency
ESA	Environmental Site Assessment
FB	Field Blank
FWRIA	Fish and Wildlife Resources Impact Analysis
GPR	Ground Penetrating Radar
GW	Groundwater
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
IC	Institutional Control
IDW	Investigation Derived Waste
LBP	Lead-based Paint
MCL	Maximum Contaminant Level
MEK	Methyl Ethyl Ketone
mg/kg	Milligrams per Kilogram
MS	Matrix Spike

Acronym	Definition
MSD	Matrix Spike Duplicate
MTBE	Methyl Tert Butyl Ether
MW	Monitoring Well
NAPL	Non-Aqueous Phase Liquid
NAVD	North American Vertical Datum
ng/L	Nanogram per liter
NTU	Nephelometric Turbidity Unit
NY	New York
NYCRR	New York Codes, Rules and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OSHA	United States Occupational Safety and Health Administration
PAH	Polycyclic Aromatic Hydrocarbon
PBS	Petroleum Bulk Storage
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethylene
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PID	Photoionization detector
ppb	Parts per Billion
ppm	Parts per Million
PVC	Polyvinyl Chloride
QA/ QC	Quality Assurance/ Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RA	Remedial Action
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RL	Reporting Limit
RRSCO	Restricted Residential Soil Cleanup Objective
SB	Soil Boring
SI	Site Investigation
SIM	Selective Ion Monitoring

Acronym	Definition
SV	Soil Vapor
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
TB	Trip Blank
TBA	Tert-butyl Alcohol
TCE	Trichloroethylene
TCLP	Toxicity Characteristic Leaching Procedure
UST	Underground Storage Tank
UUSCO	Unrestricted Use Soil Cleanup Objective
VOC	Volatile Organic Compound
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
$\mu g/m^3$	Micrograms per cubic meter

CERTIFICATION

I, Axel Schwendt, QEP, certify that I am currently a Qualified Environmental Professional, as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plans, work plan addenda, and any DER-approved modifications.

Axel Schwendt, QEP	September 23, 2022	
Qualified Environmental Professional	Date	Signature

EXECUTIVE SUMMARY

This Remedial Investigation (RI) Report (RIR) provides information for the establishment of remedial action objectives (RAOs), an evaluation of remedial action (RA) alternatives, and the selection of a remedy pursuant to the Division of Environmental Remediation (DER)-10 Technical Guidance for Site Investigation and Remediation. The RI described in this RIR is consistent with applicable guidance.

Site Location and Current Usage

The approximately 1.369-acre project site is located at 975 Nostrand Avenue in Brooklyn, New York, and is identified on the New York City Tax Map as Brooklyn Block 1309, Lot 6 (the "Site"). The Site was most recently developed with a vacant one-story commercial use building (formerly used as a supermarket) built on a portion of the Site with the remainder comprising an asphalt-paved surface parking lot. The building was constructed sometime between 1965 and 1970 and was demolished in Spring 2022.

The Site lies within an Environmental Zone (EnZone) and is part of Census Tract 319. On December 17, 2021, Nostrand Green LLC entered into a Brownfield Cleanup Agreement (BCA) (Index No. C224335-12-21) as a Volunteer with the New York State Department of Environmental Conservation (NYSDEC).

Surrounding Area

The Site is located in a mixed-use commercial and residential neighborhood with some institutional uses, including a public school. The Site is bounded to the north by a vacant lot; to the east by Clove Road, followed by multi-family residential buildings; to the south by mixed residential and commercial uses; and to the west by Nostrand Avenue followed by mixed residential and commercial uses and Sullivan Place. A Site Location Map is provided as Figure 1 and a Site Plan is provided as Figure 2.

The nearest sensitive receptors include the Beth Rivkah High School, Success Academy Crown Heights (Brooklyn 7)/Success Academy Charter School, and M.S. 061 Dr. Gladstone H. Atwell], and two daycare facilities (Associated Beth Rivkah School and P.S. 161 the Crown) within a 500-foot radius of the proposed development. The nearest body of water is the Prospect Lake located approximately 4,200 feet to the southwest of the Site.

Historical Site Uses

Based on a review of historical Sanborn maps and City Directories, the Site was developed with a trucking company as early as 1908. At the time, a portion of an unspecified road intersected the eastern portion of the Site in a north-south direction. Prior to the construction of the current building, the Site was occupied by various uses including stores, a parking garage, a printing facility, upholstery facility, and a carpenter, an auto repair shop, a printing press, hand laundry facility, an exterminator, and an auto school.

Areas of Concern (AOCs)

Based on EBI Consulting's November 2020 Phase I Environmental Site Assessment (ESA) and December 2020 Subsurface (Phase II) Investigation, and AKRF's July 2021 Phase I ESA and August 2021 Limited Subsurface Investigation Letter Report, the following were considered AOCs to be investigated during the RI:

- Historic uses at the Site included a printing facility, parking garage, an auto repair shop, and hand-laundry carpenter, and upholstery.
- The Site building contained one hydraulic freight elevator and two hydraulic trash and cardboard compactors. Suspect historic staining was observed in the elevator machine room and around the compactors. It is unknown whether the hydraulic fluid contains polychlorinated biphenyls (PCBs).

- Historical Sanborn maps indicated that the Site contained two gasoline tanks in the western portion of the Site, along Nostrand Avenue, between 1932 and 1951. In addition, former buildings may have had undocumented underground storage tanks (USTs) and/or buried aboveground storage tanks (ASTs) with potential associated releases.
- Historical and current surrounding manufacturing, industrial, and commercial uses.
- Elevated concentrations of metals and semivolatile organic compounds were detected in the soil samples collected during the previous investigations.

Summary of the Work Performed under the Remedial Investigation (RI)

The following RI work was completed between March 23 and April 4, 2022:

1. The performance of a geophysical investigation across accessible portions of the Site.
2. The advancement of 20 soil borings (RI-SB-01 to RI-SB-20) with the collection of 63 soil samples [including quality assurance/quality control (QA/QC) samples] for laboratory analysis. Each collected soil sample was analyzed for volatile organic compounds (VOCs) by United States Environmental Protection Agency (EPA) Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, polychlorinated biphenyls (PCBs) by EPA Method 8082, pesticides by EPA Method 8081, Target Analyte List (TAL) metals by EPA Method 6000/7000 series, hexavalent chromium by EPA Method 7196A, and the emerging contaminants 1,4-dioxane by EPA Method 8270 and per- and polyfluoroalkyl substances (PFAS) by EPA Method 537. In addition, one soil sample (RI-SB-20_13-15_20220328) with an elevated concentration of lead was analyzed for Toxicity Characteristic Leaching Procedure (TCLP) for lead by EPA Method 1311.
3. The installation of 4 permanent, 2-inch-diameter groundwater monitoring wells (RI-MW-01 through RI-MW-04) with the collection of 3 groundwater samples for laboratory analysis. The samples were collected from three monitoring wells (RI-MW-02, RI-MW-03, and RI-MW-04) were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, TAL metals (total and dissolved) by EPA Method 6000/7000 series, and the emerging contaminants 1,4-dioxane by EPA Method 8270D Selective Ion Monitoring (SIM) and PFAS by EPA Method 537 (modified). A sample could not be collected from monitoring well RI-MW-01.
4. The installation of 12 temporary soil vapor probes (RI-SV-01 through RI-SV-012) with the collection of 12 soil vapor samples for laboratory analysis. In addition, an ambient air sample was also collected for QA/QC. Each sample was analyzed for VOCs by EPA Method TO-15.
5. The performance of a groundwater monitoring well elevation and location survey.

Summary of Hydrogeological Findings

The following geological and hydrogeological conditions were noted during the RI:

1. The surface topography generally slopes down toward the south. Based on the U.S. Geological Survey Brooklyn, New York quadrangle map, the Property is approximately 70 to 80 feet above mean sea level.
2. Soil observed in the borings consisted of historic fill comprising sand, gravel, and silt with varying amounts of concrete, brick, wood, ash, and asphalt from surface grade to between 6 to 15 feet bgs. The fill was underlain by sand, silt, and clay with gravel observed at variable depths ranging from 6 to 80 feet bgs (noted during monitoring well installation). Lithographic cross sections are included as Figures 3 and 4.

3. Based on the Site-specific groundwater measurements, groundwater beneath the Site ranges from 10.71 to 10.78 feet NAVD 88. The groundwater flow direction could not be confirmed based on the Site-specific groundwater depths and elevation survey; however, based on the topography of the area, groundwater beneath the Site is expected to flow in a southwesterly direction towards Prospect Lake (the nearest body of water). Groundwater elevations are shown on Figure 5.

Summary of Environmental Findings

Concentrations of analytes identified in soil above the 6 New York Codes, Rules, and Regulations (NYCRR) Restricted Residential Soil Cleanup Objectives (RRSCOs) and/or Unrestricted Use Soil Cleanup Objectives (UUSCOs), during the RI, are shown on Figure 6. Laboratory data for soil from AKRF's August 2021 Limited Subsurface (Phase II) Investigation is summarized on Figure 6A. Groundwater sample concentrations above the NYSDEC Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs) are shown on Figure 7. Groundwater sample PFAS concentrations above the Screening Levels are shown on Figure 8. Soil vapor sample analytical results are shown on Figure 9.

Soil

RI soil sample analytical results for VOCs, SVOCs, PCBs, pesticides, and TAL metals were comparedto the 6 NYCRR RRSCOs and UUSCOs. Analytical results for the 21 compound list PFAS were compared to the Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Guidance Values, issued in June 2021. There are no existing regulatory standards for 1,4-dioxane in soil/fill in New York State.

Acetone was detected above its UUSCO of 0.05 milligrams per kilogram (mg/kg) in five samples (including a duplicate sample) at concentrations ranging from 0.06 mg/kg to 0.11 mg/kg. SVOCs wereidentified in 61 of the 63 samples analyzed ranging from estimated trace concentrations to a maximumof 75 mg/kg (for fluoranthene in duplicate sample RI-SB-X_0-2_20220323). Of the detected compounds, eight SVOCs [4-methylphenol, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene] were detected at concentrations above RRSCOs and/or UUSCOs in up to 16 samples (including duplicate samples). The detected compounds are all polycyclic aromatic hydrocarbons (PAHs), a class of SVOCs often found in historic fill material.

All 24 metals analyzed were detected in one or more samples ranging from estimated trace concentrations to a maximum of 124,000 mg/kg (for calcium in sample RI-SB-09_0-2_20220325).

Eleven metals (arsenic, barium, cadmium, hexavalent chromium, copper, lead, mercury, nickel, selenium, silver, and zinc) were detected at concentrations above RRSCOs and/or UUSCOs in up to 31soil samples (including duplicate samples). Lead was detected as high as 12,100 mg/kg in soil sampleRI-SB-20_13-15_20220328, collected from the southeastern portion of the Site. Based on the elevated concentration, the sample was further analyzed for TCLP lead. The resulting concentration was not detected above the RL of 12 micrograms per liter (µg/L); and is therefore below the EPA Resource Conservation and Recovery Act (RCRA) hazardous waste threshold limit of 5,000 µg/L. Four pesticides (4,4'-DDD, 4,4'-DDE, 4,4'-DDT and cis-chlordane) were detected in one or more samples ranging from an estimated trace concentration to a maximum of 0.12 mg/kg (4,4'-DDD in sample RI- SB-05_10-12_20220404). These pesticides were detected above the UUSCOs but below RRSCOs in 5samples, including one duplicate sample. No PCBs were detected in the analyzed samples.

Detected concentrations of PAHs and metals in soil at the Site appear to be related to historic fill materials, which were observed across the Site extending from grade to 15 feet bgs.

Concentrations of the PFAS compounds perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were detected well below their respective Guidance Value for unrestricted use. 1,4- dioxane was not detected in the samples.

Groundwater

Groundwater sample analytical results for VOCs, SVOCs, PCBs, pesticides, and TAL metals were compared to the NYSDEC AWQSGVs. Groundwater analytical results for the 21 compound list of PFAS were compared to the Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Guidance Values, issued in June 2021. These standards are for drinking water, although groundwater in Brooklyn is not used as a potable source. Groundwater analytical results for 1,4-dioxane were compared to NYSDOH's August2020 Maximum Contaminant Level (MCL) of 1 µg/kg.

Seven VOCs (acetone, bromomethane, chloroform, cis-1,2-dichloroethene, m,p-xylenes, PCE, and TCE) were detected in samples RI-MW-02_20220330, RI-MW-03_20220330, RI-MW-04_20220330, and RI-MW-X_20220330 (a blind duplicate of RI-MW-03_20220330). The chlorinated VOC PCE wasdetected in each of the three samples at concentrations ranging between 5.3 micrograms per liter (µg/L)and 17 µg/L, above its AWQSGV of 5 µg/L. Chloroform was detected in each of the samples at concentrations ranging between 11 µg/L and 17 µg/L, above it AWQSGV of 7 µg/L. The metals antimony (total and dissolved), iron (total and dissolved), magnesium (total and dissolved), manganese(total and dissolved), selenium (total and dissolved), and sodium (total and dissolved) were detected above AWQSGVs in one or more samples. Based on the levels and compounds detected, these concentrations are most likely representative of regional groundwater conditions as opposed to an on-site release.

PFAS were detected in each groundwater sample analyzed. PFOS was detected in sample RI-MW-02_20220330 at a concentration of 16.5 nanograms per liter (ng/L), above its Screening Level of 10 ng/L, and PFOA was detected in each of the samples at concentrations ranging between 12.2 ng/L and 32.7 ng/L, above its Screening Level of 10 ng/L.

Soil Vapor

Twelve soil vapor samples were collected from the temporary soil vapor points installed across the Site.In addition, one ambient air sample was collected from an exterior location. The soil vapor and ambientair samples were analyzed for VOCs by EPA Method TO-15. Although there are currently no regulatoryor published guidance values for VOCs in soil vapor, soil vapor data was used to assess the potential for exposure to receptors and to help define the nature and extent of contamination at the Site.

Thirty-two of the 62 VOCs analyzed were detected in one or more soil vapor samples. Petroleum-related VOCs, including benzene, toluene, ethylbenzene, xylenes (collectively referred to as "BTEX"),1,3-butadiene, ethanol, isopropanol, tert-butyl alcohol (TBA), n-hexane, cyclohexane, heptane, 2- hexanone, 1,3,5-Trimethylbenzene, 1,2,4-trimethlybenzene, 2,2,4-trimethylpentane, and 1,4- dichlorobenzene were detected in one or more samples at concentrations up to 234 micrograms per cubic meter (µg/m^3) (n-hexane in sample RI-SV-04_20220329). The highest concentrations of BTEXwere detected in samples RI-SV-03_20220329, RI-SV-10_20220329, and RI-SV-11_20220329 collected from the northeastern and southern portions of the Site, respectively. Chlorinated solvent- related VOCs including TCE, PCE, 1,1-dichloroethane, 1,1,1-trichloroethane, trichloroethene, cis-1,2-dichloroethene, and methylene chloride were detected in one or more soil vapor samples at concentrations up to 37,000 µg/m^3 (PCE in sample RI-SV-10_20220329 collected from the southwestern corner of the Site).

Additionally, methyl ethyl ketone (MEK), a solvent commonly used in adhesives and printing inks, was detected in 11 of the 12 samples at concentrations ranging between 4.48 µg/m^3 and 34.5 µg/m^3, and trichlorofluoromethane, a chlorofluorocarbon (CFC) commonly used as a refrigerant and a foamingor blowing agent, was detected in 9 of the 12 samples with concentrations ranging between 2.19 µg/$m^3$and 33.8 µg/m^3. The elevated concentrations are likely related to off-site soil vapor source(s) which include: the historic dry cleaning store located on the south-adjacent property; and multiple dry cleanerslocated directly west of the Site across Nostrand Avenue.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

This Remedial Investigation (RI) Report (RIR) summarizes the RI work performed between March 23 and April 4, 2022, for the 975 Nostrand Avenue project site located in Brooklyn, New York. The goal of the RI was to determine the horizontal and vertical extent of contamination at the Site, and to aid in the design of the remedy. The RI was conducted in general accordance with AKRF's February 2022 New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), which included a Health and Safety Plan (HASP), and a Quality Assurance Project Plan (QAPP). Deviations from the RIWP are described throughout the document, and listed specifically in Section 4.7.10, although none of the deviations materially affected achievement of the RI objectives.

1.1 Site Location and Current Usage

The Site, aka Tax Block 1309, Lot 6, consists of an irregularly shaped 1.369-acre parcel and most recently was developed with a vacant one-story commercial use building (formerly used as a supermarket) built on a portion of the Site with the remainder comprising an asphalt-paved surface parking lot. The building was constructed sometime between 1965 and 1970, and was demolished in Spring 2022. The Site location is shown on Figure 1 and a Site Plan is shown on Figure 2.

1.2 Description of Surrounding Property

The Site is located in a mixed-use commercial and residential neighborhood with some institutional uses, including a public school. The Site is bounded to the north by a vacant lot; to the east by Clove Road, followed by multi-family residential buildings; to the south by mixed residential and commercial uses; and to the west by Nostrand Avenue followed by mixed residential and commercial uses and Sullivan Place.

The nearest sensitive receptors include the Beth Rivkah High School, Success Academy Crown Heights (Brooklyn 7)/Success Academy Charter School, and M.S. 061 Dr. Gladstone H. Atwell], and two daycare facilities (Associated Beth Rivkah School and P.S. 161 the Crown) within a 500-foot radius of the proposed development. The nearest body of water is the Prospect Lake located approximately 4,200 feet to the southwest of the Site.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

A review of the historical Fire Insurance (Sanborn) maps indicated that the Site was developed with a trucking company as early as 1908. At the time, a portion of an unspecified road intersected the eastern portion of the Property in a north-south direction. By 1932, the Site was developed with stores, a parking garage, a printing facility, upholstery facility, and a carpenter. By 1963, the parking garage was replaced by a textiles warehouse. An auto repair shop was shown in the southern portion of the Property between 1963 and 1965. By 1978, the Site was developed with the current building and asphalt paved parking lot.

2.2 Proposed Redevelopment Plan

The proposed redevelopment includes demolition (completed Spring 2022) of the existing building andconstruction of a new mixed-use residential and commercial use building with a cellar. The excavation for the new building foundation will extend to a minimum of approximately 15 feet below ground surface (bgs). Based on the depth to groundwater (approximately 70 feet bgs), dewatering will not be required for construction. The current zoning designation is zoned as R7-1 (residential) and C2-3 (commercial). The proposed use is consistent with existing zoning for the Site.

2.3 Previous Environmental Reports

Phase I Environmental Site Assessment - 975 Nostrand Avenue, Brooklyn, NY, EBI Consulting, November 2020

EBI Consulting performed a Phase I ESA in November 2020, and the following Recognized Environmental Conditions (RECs) were identified:

- Based upon a review of historical resources, prior to construction of the existing commercial structure in the early 1970s, the Site was developed with a single-story structure situated on the western half of the Site. This building was constructed in 1925 and was originally configured with small stores/commercial units fronting Nostrand Avenue, and a parking garage for 150 cars at the rear of the building. Fire insurance maps, dated 1932 and 1951, depicted two buried gasoline tanks located within a small courtyard area at the west central portion of the building. It is presumed that the gasoline tanks were utilized for fueling operations associated with the parking garage. By the 1960s, the parking garage was occupied by a wholesale textiles warehouse, and the gasoline tanks were no longer depicted on the fire insurance maps. No documentation regarding closure of the former UST system, or documentation regarding previous soil and/or groundwater investigation at this location, was identified during this assessment. This portion of the Site currently consists of paved surface parking. Based upon the absence of closure documentation, the potential exists that the USTs remain in the ground and have impacted subsurface conditions at the Site.
- Review of historical resources also indicated that the area to the east of the former retail/garage building consisted of a paved parking area until around the 1960s, at which time a single-story auto repair facility was constructed. This auto repair facility was located on the central portion of the Site. Based upon review of historical fire insurance maps and New York City Department of Buildings records, the Site includes a range of municipal addresses, specifically 969 to 983 Nostrand Avenue. Review of historical street directories for the full address range identified the following potentially environmentally concerning tenants:

- 1934 - Windsor Printers (977 Nostrand Avenue), Schmidt WM & Melham Printers (981 Nostrand Avenue), Cut Rate Hand Laundry (983 Nostrand Avenue)
- 1940 - Garfinkel I Cleaner and Dyer (979 Nostrand Avenue)
- 1945 - Liberty Hand Laundry (975 Nostrand Avenue), Windsor Printers (977 Nostrand Avenue), Garfinkel I Cleaner and Dyer (979 Nostrand Avenue)
- 1949 - Liberty Hand Laundry (975 Nostrand Avenue), Garfinkel I Cleaner and Dyer (979 Nostrand Avenue)
- 1960 and 1965 - Liberty Hand Laundry (975 Nostrand Avenue).

- Based upon the time periods, it is likely that these former tenants occupied retail units within the western portion of the former retail/garage structure. The exact operations of these former tenants are unknown. Based on the nature of these businesses (i.e., auto repair facility, printers, cleaners and dyers, and hand-laundry facilities), these former tenants may have handled, generated, stored, and/or disposed of hazardous substances and/or petroleum products as a part of daily operations. The portions of the Site where the former retail units and auto repair facility were located currently consist of paved surface parking. Although these historical uses predate construction of the existing commercial building in the early 1970s, the potential for the operations of these former tenants to have impacted subsurface conditions at the Site cannot be ruled out.
- In addition, the following consideration outside the scope of ASTM Practice E 1527-13 was identified in connection with the Site:
- A limited visual screening survey for the presence of asbestos-containing materials (ACM) at the Site was conducted. Friable suspect ACM in the form of sheetrock/joint compound composite material and 2'x4' white perforated acoustical ceiling tile and non-friable suspect ACM in the form of vinyl floor tile and associated mastic, various construction mastics and caulking and roofing materials was identified. These materials were observed to be undamaged and in good condition at the time of assessment. Please note that this survey was limited to visual observations of accessible areas and that the scope of work for this assessment did not include the collection and laboratory analysis of bulk samples of suspect ACM. Additional suspect ACM may be present in inaccessible areas, including, but not limited to, roofs, pipe chases behind solid walls and ceilings, concealed floor coverings, the interior of machinery or equipment, or water and sewer systems. Suspect ACM do not present a problem when maintained in good condition. However, additional sampling, removal, and disposal arrangements may be necessary should building construction or renovation activities be conducted.

Phase II Environmental Site Assessment - 975 Nostrand Avenue, Brooklyn, NY, EBI Consulting, December 2020

Based on the results of the November 2020 Phase I ESA, EBI Consulting conducted a Phase II ESA at the Site in December 2020. The Phase II included the advancement of 9 soil borings with the collection of 15 soil samples and the collection of 6 soil vapor samples (from approximately 5 feet bgs). Soil samples were slated for laboratory analysis of VOCs by EPA Method 8260, PAHs by EPA Method 8270, and lead by EPA Method 6010. Soil vapor samples were analyzed for VOCs by EPA Method TO-15. The samples were analyzed with Category A deliverables. The results of the investigations indicated the following:

- The soil analytical results revealed that concentrations of VOCs, PAHs and lead were detected above laboratory detection limits in the soil samples, with some concentrations above the NYSDEC RRSCOs.
- The soil vapor analytical results revealed that low-level concentrations of VOCs were detected at levels above the laboratory detection limits in the soil vapor samples.
- EBI Consulting concluded that the Site has been impacted with low concentrations of VOCs, PAHs and lead above laboratory method detection limits that appear characteristic of the presence of historic and urban fill material.

Phase I Environmental Site Assessment, 975 Nostrand Avenue, Brooklyn, New York, AKRF, Inc., July 2021

A Phase I ESA was completed for the Site by AKRF in July 2021 in general accordance with the ASTM Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practice. The following evidence of on-site RECs were identified:

- Historical Sanborn maps indicated that the Site contained two gasoline tanks in the western portion of the Site, along Nostrand Avenue, between 1932 and 1951. The Site was not registered in the NYSDEC Petroleum Bulk Storage (PBS) database and no evidence of vent pipes or fill ports were observed during the reconnaissance. The tanks may not have been removed during demolition of the former buildings and may still be present beneath the Site.
- Historic Sanborn maps and City Directories indicated that the Site was occupied by a printing facility between 1932 and 1951, and an auto repair shop between 1963 and 1965. Such uses may have affected the subsurface conditions beneath the Site.
- The Site building contained one hydraulic freight elevator and two hydraulic trash and cardboard compactors. Suspect historic staining was observed in the elevator machine room and around the compactors. It is unknown whether the hydraulic fluid contains polychlorinated biphenyls (PCBs). The sump within the elevator machine room is reportedly connected to the municipal sewer system.
- Sanborn maps and City Directories identified proximal automotive, industrial, and dry-cleaning uses between 1908 and 2007, including: a brass foundry, a sheet metal works, an auto greasing facility, a machine shop, filling stations, a furniture manufacturer, a printing facility, auto repair shops, and a car wash. Some of these uses were also identified in the EDR Historic Auto Station, NY SPILLS, Resource Conservation and Recovery Act (RCRA), Petroleum Bulk Storage (PBS), and Registered/Historic Dry Cleaner databases, with documented impacts to subsurface soil.

The following considerations outside the scope of ASTM Practice E 1527-13 were also identified.

- Based on the age of the Site building, ACM, PCBs and/or lead-based paint (LBP) could be present within building components.
- Given the ages of former structures on the Site, potential fill material and/or demolition debris beneath the Site could contain suspect ACM, LBP, and/or PCBs. Fill material is of unknown origin.

Limited Subsurface Investigation Letter Report, 975 Nostrand Avenue, Brooklyn, New York, AKRF, Inc., August 2021

AKRF conducted a Limited Subsurface Investigation (SI) that included advancement of 8 soil borings on a portion of the Site to approximately 15 feet bgs with continuous sample collection and

laboratory analysis of 24 samples to evaluate soil quality. The samples were analyzed with Category B Deliverables. Soil beneath the Site consisted of fill material (sand, gravel, silt, concrete, brick, ash, glass, asphalt) to boring termination. Groundwater was not encountered during the investigation.

Soil sample analytical results were compared to the 6 New York Code of Rules and Regulations (NYCRR) UUSCOs and RRSCOs. Results are summarized in attached Tables 1 through 7 and on Figure 6.

- Six VOCs (1,2,4-trimethylene, acetone, tetrachloroethene (PCE), toluene, trichloroethene (TCE), and total xylenes) were detected in one or more samples. PCE was detected in one sample at a concentration of 10 milligrams per kilograms (mg/kg) exceeding its UUSCO of 1.3 mg/kg but below its RRSCO of 19 mg/kg. All other detected VOCs were well below their respective UUSCOs.
- Seven SVOCs [benzo(a)anthracene (maximum concentration of 9.1 mg/kg), benzo(a)pyrene (maximum concentration of 9.8 mg/kg), benzo(b)fluoranthene (maximum concentration of 10 mg/kg), benzo(k)fluoranthene (maximum concentration of 4.7 mg/kg), chrysene (maximum concentration of 8.6 mg/kg), dibenzo(a.h)anthracene (maximum concentration of 1.7 mg/kg), and indeno(1,2,3-cd)pyrene (maximum concentration of 6.9 mg/kg) were detected at concentrations above UUSCOs and/or RRSCOs in 13 of the 24 samples.
- Three pesticides (4,4'-DDD, 4,4'-DDE, and 4,4'-DDT) were detected in three soil samples at concentrations above UUSCOs, but below the RRSCOs. Total PCBs were detected in one sample at a concentration of 0.066 mg/kg, well below the UUSCO of 0.1 mg/kg.
- Six metals (arsenic, copper, lead, mercury, nickel, and zinc) were detected above UUSCOs in multiple samples. Lead (maximum concentration of 443 mg/kg) and mercury (concentration of 2.6 mg/kg) were also detected at concentrations above RRSCOs.

Based on the results of this investigation and the history of the Site, soil contaminants identified appear to be associated with historic fill. However, some influence from past on-site operations could not be ruled out.

Copies of all previous environmental reports for the Site are provided in Appendix A.

2.4 Areas of Concern

The following environmental issues were considered areas of concern (AOCs) for the RI:

- Historic uses at the Site included a printing facility, parking garage, an auto repair shop, and hand-laundry carpenter, and upholstery.
- The Site building contained one hydraulic freight elevator and two hydraulic trash and cardboard compactors. Suspect historic staining was observed in the elevator machine room and around the compactors. It is unknown whether the hydraulic fluid contains polychlorinated biphenyls (PCBs).
- Historical Sanborn maps indicated that the Site contained two gasoline tanks in the western portion of the Site, along Nostrand Avenue, between 1932 and 1951. In addition, former buildings may have had undocumented underground storage tanks (USTs) and/or buried aboveground storage tanks (ASTs) with potential associated releases.
- Historical and current surrounding manufacturing, industrial, and commercial uses.
- Elevated concentrations of metals and semivolatile organic compounds were detected in the soil samples collected during the previous investigations.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

Contact information for the parties responsible for the work described in this RIR are included in Table A, below:

Table A
Remedial Investigation Personnel Contact Information

Entity	Individual Name	Title	Contact Number
NYSDEC	Christopher H. Allan	Project Manager	(718) 482-4065 (office)
NYSDOH	Sally Rushford	Project Manager	(518) 402-5465 (office)
AKRF	Rebecca Kinal	Remedial Engineer	(914) 922- 2362
	Colleen Griffiths	QA/QC Officer	(914) 922-2363 (office)
	Ashutosh Sharma	Project Manager	(646) 388-9865 (office)
	Tom Giordano	Field Team Leader/ Site SafetyOfficer	(914) 602-6956 (cell)
Nostrand Green LLC	Marlee Busching-Truscott	Applicant Representative	(212) 710-6032 (office)
L.A.B Validation Corp.	Lori A. Beyer	President	(516) 523-7891 (office)

3.2 Health and Safety

All work described in this report was performed in full compliance with applicable laws and regulations, including Site and Occupational Safety and Health Administration (OSHA) worker safety requirements and Hazardous Waste Operations and Emergency Response (HAZWOPER) requirements. The RI described in this RIR was also performed in general accordance with AKRF's Site-specific HASP included in the NYSDEC-approved RIWP dated February 2022. Air monitoring logs and daily reports submitted to NYSDEC during the implementation of the RI are provided in Appendix B.

4.0 REMEDIAL INVESTIGATION (RI) ACTIVITIES

The RI was conducted between March 23 and April 4, 2022 and included the following scope of work:

1. The performance of a geophysical investigation across accessible portions of the Site
2. The advancement of 20 soil borings (RI-SB-01 through RI-SB-20) and collection of 63 soil samples (including 3 sets of QA/QC samples) for laboratory analysis. Soil samples were analyzed for VOCs by United States Environmental Protection Agency (EPA) Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, total analyte list (TAL) metals by EPA Method 6000/7000 series, hexavalent chromium by EPA Method 7196A, and the emerging contaminants 1,4-dioxane by EPA Method 8270 and Per- and polyfluoroalkyl substances (PFAS) compounds by EPA Method 537.
3. The installation of four permanent 2-inch-diameter groundwater monitoring wells (RI-MW-01, RI-MW-02, RI-MW-03, and RI-MW-04) with the collection of three groundwater samples (including one set of QA/QC samples) for laboratory analysis. Due to a lack of groundwater recharge, a sample could not be collected from monitoring well location RI-MW-01. The collected groundwater samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, TAL metals (total and dissolved) by EPA Method 6000/7000 series, and the emerging contaminants 1,4-dioxane by EPA Method 8270D Selective Ion Monitoring (SIM) and PFAS by EPA Method 537 (modified).
4. The installation of 12 temporary soil vapor probes (RI-SV-01 through RI-SV-12) with the collection of 12 soil vapor samples and one ambient air sample for laboratory analysis. Each sample was analyzedfor VOCs by EPA Method TO-15.

The work was conducted in both exterior areas and within the supermarket building (demolished Spring 2022). The locations of the soil borings, permanent groundwater monitoring wells, and temporary soil vapor points are shown on Figure 2.

4.1 Geophysical Investigation

NOVA Geophysical Services of Douglaston, New York conducted a geophysical survey across the accessible portions of the Site on March 23, 2022, prior to the intrusive activities. The survey comprised ground-penetrating radar (GPR) and electromagnetic detection equipment to identify potential USTs and locate buried utilities and other structures. The survey identified municipal electrical, water, sewer, drainage, telecom, and gas lines and additional anomalies resembling potential subsurface utilities (not connected to known utilities) within the surveyed areas. The survey did not reveal buried anomalies indicative of storage tanks or vaults. The geophysical investigation report is included in Appendix C.

4.2 Soil Boring Advancement

Between March 23 and April 4, 2022, twenty soil borings (RI-SB-01 through RI-SB-20) were advanced across the Site by Eastern Environmental Solutions, Inc. (Eastern) of Manorville, New York, using both a track mounted Geoprobe® direct-push probe (DPP) and roto-sonic drill rig, and a remote Geoprobe® DPP (for interior locations). To facilitate sample collection, the exterior soil borings RI-SB-01, RI-SB-04, and RI-SB-08 to RI-SB-20 were advanced to a depth of 15 feet bgs, and interior soil borings RI-SB-02, RI-SB-03, and RI-SB-05 to RI-SB-07 were advanced to depths between 5 and 6 feet bgs below the existing building's basement slab (approximately 15 to 16 feet below sidewalk grade). The soil boring locations were measured against Site boundaries and landmarks upon their completion.

The soil boring locations are shown on Figure 2. Soil boring logs are provided in Appendix D.

4.3 Permanent Groundwater Monitoring Well Installation

Four 2-inch-diameter permanent groundwater monitoring wells (RI-MW-01, RI-MW-02, RI-MW-03, and RI-MW-04) were installed by Eastern. The monitoring wells were constructed with 20 feet of 0.020-inch slotted polyvinyl chloride (PVC) well screen installed at least 5 feet into the observed water table. A No. 2 morie sand pack was installed from the bottom of each well to 2 feet above the well screen followed by 2 feet of hydrated bentonite. The remaining annular space around the wells was sealed with a non-shrinking grout/cement mixture to approximately one foot below grade. Each well was finished with a j-plug and flush-mount protective locking well cover. Monitoring well location RI-MW-01 could not be developed or sampled due to a lack of groundwater recharge.

The groundwater monitoring well locations are shown on Figure 2. Monitoring well construction logs are provided in Appendix D. Well construction details and sampling location rationale are summarized in Table B, below:

Table B
Groundwater Monitoring Well Construction Details and Rationale

Monitoring Well ID	On-Site Well Location	Screened Intervals (feet bgs)	Depth to Groundwater from top of PVC (feet bgs)	Rationale for Sampling Location
RI-MW-01*	Western	60 to 80	70.00	To assess groundwater quality on the western portion of the Site
RI-MW-02	Central	60 to 80	71.85	To assess groundwater quality on the central portion of the Site
RI-MW-03	Eastern	60 to 80	70.20	To assess groundwater quality on the eastern portion of the Site
RI-MW-04	Southern	60 to 80	65.51	To assess groundwater quality on the southern portion of the Site

Note:
*RI-MW-01 was unable to be developed and sampled due to issues encountered following well construction. The depth to groundwater noted in the table is based on the findings during the drilling work.

4.4 Groundwater Monitoring Well Development

Following installation, each groundwater monitoring well was developed via pumping and surging to remove any accumulated fines and establish a hydraulic connection with the surrounding aquifer. Water quality indicator readings (pH, temperature, specific conductivity, turbidity) were collected for each well until parameters stabilized and turbidity within each well was less than 50 nephelometric turbidity units (NTUs) for three successive readings. No field evidence (odor, sheen, and PID readings) of contamination was noted in the groundwater during the development. AKRF made several attempts to pump and surge monitoring well RI-MW-01 during well development; however, all attempts were unsuccessful and the well could not be adequately developed.

Well development readings were noted in the groundwater development logs, included in Appendix E.

4.5 Groundwater Monitoring Well Elevation and Location Survey

On April 30, 2022, groundwater monitoring wells RI-MW-01 to RI-MW-04 were surveyed by Control Point Associates, Inc., a New York State-licensed surveyor. Elevation measurements were taken at the manhole cover and on the north side of the top of the PVC casing at each groundwater monitoring well, and location measurements were taken at the manhole cover. Horizontal and vertical datum was tied to the North American Vertical Datum of 1988 (NAVD-88). The groundwater flow direction could not be determined or confirmed based on the Site-specific groundwater depths and elevation survey; however the groundwater is expected to flow beneath the Site in a southwesterly direction towards Prospect Lake (the nearest body of water).

The locations of the groundwater monitoring wells are shown on Figure 2. A groundwater elevation map is included as Figure 5. The groundwater monitoring well elevation survey for the Site is provided as Appendix F.

4.6 Temporary Soil Vapor Point Installation

Twelve temporary soil vapor points (RI-SV-01 through RI-SV-12) were installed at the Site by Eastern. Soil vapor points RI-SV-01, RI-SV-03, and RI-SV-06 through RI-SV-12 were installed at

15 feet bgs (exterior locations) and RI-SV-02, RI-SV-04, and RI-SV-05 were installed approximately 6 inches beneath the building slab (interior locations). The temporary soil vapor sampling points were installed by advancing an expendable drive point into the subsurface. At each point, a six-inch stainless steel screen implant connected to Teflon™-lined polyethylene tubing was installed through the drilling rods and threaded into the drive point. The sample tubing was extended from the bottom end of the screen to above grade. The rods were then removed, and the borings were backfilled with No. 2 morie sand to six inches above the screen. Hydrated bentonite was used to fill the remaining void around the sampling tubing to the ground surface.

The temporary soil vapor point locations are shown on Figure 2. The soil vapor sampling logs are provided in Appendix G.

4.7 Sample Collection and Chemical Analysis

Soil, groundwater, and soil vapor at the Site have been sampled and evaluated in this RIR. The sampling performed, which is presented in this RIR, provides a basis for the evaluation of subsurface Site conditions and potential remedial actions with respect to the media sampled.

4.7.1 Soil Sampling

Between March 23 and April 4, 2022, soil cores from borings advanced were collected in five-foot-long (exterior locations) and three-foot-long (interior locations), two-inch-diameter, stainless steel macrocore piston rod samplers fitted with dedicated, internal acetate liners. All sampling equipment was either dedicated or decontaminated between sampling locations.

Soil cores at each boring location were observed for field evidence of contamination, such as petroleum-like odors and dark staining; field-screened using a PID equipped with a 10.6 electron volt (eV) lamp; and logged using the modified Burmister soil classification system. The PID was calibrated at the beginning of each field day with isobutylene gas in accordance with the manufacturer's specifications. No petroleum-like odors or staining were observed in any of the soil borings across the Site during the RI. PID readings up to 2.6 parts per million (ppm) were noted in boring RI-SB-10 (located in the western portion of the Site) at approximately 2 to 3 feet bgs. No PID readings were noted in any of the

other soil borings. In addition, no evidence of free phase product [non-aqueous phase liquid (NAPL)] was identified during the RI.

Sixty-three soil samples (including three blind duplicate samples) were submitted for laboratory analysis from the soil borings. In general, one soil sample was collected from the two-foot interval directly below the ground surface (0-2 feet bgs), and one sample was collected from the two-foot interval corresponding to the proposed depth of excavation (13-15 feet bgs). One to two additional samples were collected from intermediate 2-foot intervals based on field findings (odors, elevated PID readings, staining, etc.) or the presence of historic fill material. Only two samples were collected from soil borings RI-SB-02, RI-SB-03, and RI-SB-05 to RI-SB-07, advanced within the building footpring and below the cellar slab. Three blind duplicates were collected: RI-SB-X_0-2_20220323 (duplicate of RI-SB-08_0-2_20220323), RI-SB-X2_7-9_20220328 (duplicate of RI-SB-10_7-9_20220328), and RI-SB-X3_8-10_20220328 (duplicate of RI-SB-16_8-10_20220328).

Soil samples were submitted to Eurofins TestAmerica, Inc. (TestAmerica) of Edison, New Jersey, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP)-certified laboratory, in accordance with EPA chain of custody (CoC) protocol. Each sample was analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, TAL metals by EPA Method 6000/7000 series plus hexavalent chromium by EPA Method 7196A, 1,4-dioxane by EPA Method 8270, and PFAS by EPA Method 537 (modified). One soil sample (RI-SB-20_13-15_20220328) was also analyzed for toxic characteristic leaching procedure (TCLP) lead by EPA Method 1311.

Soil sampling locations, depths, and rationales are summarized in Table C.

Table C
Soil Sample Details

Soil Boring	On-Site Location	Location Description	Sample Depth Intervals (feet bgs)	Soil Sample Analytical Parameters	Rationale
RI-SB-01	Northwestern	Northwestern portion of the exterior parking lot	0-2, 5-7, 9-11, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions in the northwestern portionof the Site
RI-SB-02	Northern	Northwestern corner of the existing building (Interior)	10-12*, 14-16*	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions in the northern portion of the Site, below the existing building; to investigate potential impact from historical operations

Soil Boring	On-Site Location	Location Description	Sample Depth Intervals (feet bgs)	Soil Sample Analytical Parameters	Rationale
RI-SB-03	Northern	Northeastern corner of the existing building (Interior)	10-12*, 13-15*	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions in the northern portion of the Site, below the existing building; to investigate potential impact from historical operations
RI-SB-04	Northeastern	Northeastern portion of the exterior parking lot	0-2, 5-7, 9-11, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions in the northeastern portion of the Site
RI-SB-05	Northern	Central portionof the existing building (Interior)	10-12*, 13-15*	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions in the northern portion of the Site, below the existing building; to investigate potential impact from historicaloperations
RI-SB-06	Northern	Southwestern corner of the existing building (Interior)	10-12*, 14-16*	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions in the northern portion of the Site, below the existing building; to investigate potential impact from historical operations
RI-SB-07	Northern	Southeastern corner of the existing building (Interior)	10-12*, 13-15*	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions in the northern portion of the Site, below the existing building; to investigate potential impact from historical operations
RI-SB-08	Eastern	Eastern portionof the exterior parking lot	0-2, 4-6, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the eastern portion of theSite

Soil Boring	On-Site Location	Location Description	Sample Depth Intervals (feet bgs)	Soil Sample Analytical Parameters	Rationale
RI-SB-09	Western	Western portionof the exterior parking lot	0-2, 5-7, 9-11, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the western portion of the Site
RI-SB-10	Western/Central	Western/Central portion of the exterior parking lot	0-2, 7-9, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the western/central portion of the Site
RI-SB-11	Central	Central portionof the exterior parking lot	0-2, 4-6, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the central portion of theSite
RI-SB-12	Central	Central portionof the exterior parking lot	0-2, 8-10, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the central portion of theSite
RI-SB-13	Eastern	Eastern portionof the exterior parking lot	0-2, 7-9, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the eastern portion of theSite
RI-SB-14	Central	Central portionof the exterior parking lot	0-2, 5-7, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the central portion of theSite
RI-SB-15	Central	Central portionof the exterior parking lot	0-2, 7-9, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the central portion of theSite

Soil Boring	On-Site Location	Location Description	Sample Depth Intervals (feet bgs)	Soil Sample Analytical Parameters	Rationale
RI-SB-16	Eastern/Central	Eastern/Central portion of the exterior parking lot	0-2, 8-10, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the eastern/central portionof the Site
RI-SB-17	Southwestern	Southwestern portion of the exterior parking lot	0-2, 7-9, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the southwestern portionof the Site, and to investigate potential impact from off-site sources
RI-SB-18	Southern	Southern portion of the exterior parking lot	0-2, 4-6, 9-11, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the southern portion of the Site, and to investigate potential impact from off-site sources
RI-SB-19	Southern	Southern portion of the exterior parking lot	0-2, 7-9, 13-15	VOCs, SVOCs, PCBs, pesticides, TAL metals, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the southern portion of the Site, and to investigate potential impact from off-site sources
RI-SB-20	Southeastern	Southeastern portion of the exterior parking lot	0-2, 4-6, 8-10, 13-15[1]	VOCs, SVOCs, PCBs, pesticides, TAL metals, TCLP lead, hexavalent chromium, emerging contaminants	To assess soil quality and subsurface conditions at the southeastern portion of the Site, and to investigate potential impact from off-site sources

Notes:
* Sample depths from within the existing building were estimated from sidewalk grade.
[1] Sample was also analyzed for TCLP lead
QA/QC sampling is discussed in Sections 4.6.2 and 4.6.7.
Emerging contaminants = PFAS and 1,4-dioxane

4.7.2 Soil Quality Assurance/Quality Control (QA/QC) Sampling

For QA/QC purposes the following samples were collected for laboratory analysis: three matrix spike/matrix spike duplicate samples (MS/MSD) (RI-SB-04_0-2_20220328, RI-SB-14_0-2_20220328, and RI-SB-19_13-15_20220323), three blind duplicate samples (RI-SB-X_0-2_20220323 from RI-SB-08_0-2_20220323, RI-SB-X2_7-9_20220328 from RI-SB-10_7-9_20220328, and RI-SB-X3_8-10_20220328 from RI-SB-16_8-10_20220328), three aqueous field blank samples (RI-FB-01_20220323, RI-FB-

02_20220330, and RI-FB-03_20220404), three aqueous equipment blank samples (RI-EB-01_20220323, RI-EB-02_20220330, and RI-EB-03_20220404), and two aqueous trip blank samples (RI-TB-01_20220323 and RI-TB-02_20220330), as discussed further in Section 4.7.7.

Soil samples slated for laboratory analysis were labeled, placed in ice-filled coolers, and shipped to the laboratory via courier with proper CoC documentation, in accordance with EPA protocols. The soil samples were analyzed by TestAmerica with Category B deliverables. Third-party data validation was performed by L.A.B. Validation Corp. of Northport, NY, and Data Usability Summary Reports (DUSRs) were prepared. The DUSRs are included in Appendix H.

Soil analytical data is discussed in Section 5.2.

4.7.3 Groundwater Sampling

Groundwater samples were collected from three permanent groundwater monitoring wells (RI-MW-02, RI-MW-03, and RI-MW-04) in general accordance with the EPA low-flow sampling methodology, the June 2021 NYSDEC emerging contaminant sampling guidance, and the NYSDEC-approved Site-specific QAPP included in the RIWP. The groundwater samples were collected using dedicated and decontaminated sampling equipment. A groundwater sample could not be collected from RI-MW-01 following the well installation.

Prior to collecting the groundwater samples, the depth to groundwater and the total well depth were measured using a water level meter attached to a measuring tape accurate to 0.01 foot (see Table B for depth to groundwater measurements). No field evidence of contamination (e.g. odors, sheen, and elevated PID readings) was observed in the wells during installation, purging, or sampling, and no non-aqueous phase liquid (NAPL) was detected.

Purging of the wells prior to sample collection continued until the turbidity of the water decreased below 50 NTUs and groundwater quality parameters stabilized. During sample collection, sample containers slated for laboratory analysis of dissolved metals were field filtered using inline filters. All purged water was containerized in DOT-approved 55-gallon drums. IDW is discussed further in Section 4.6.9.

Groundwater samples slated for laboratory analysis were placed in laboratory-supplied containers in accordance with EPA protocols. Groundwater samples were submitted to Eurofins-TestAmerica in accordance with EPA CoC protocols. Each sample was analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, TAL metals (total and dissolved) by EPA Method 6000/7000 series, 1,4-dioxane by EPA Method 8270D SIM, and PFAS by EPA Method 537 (modified).

Groundwater sampling logs are provided in Appendix I.

4.7.4 Groundwater Quality Assurance/Quality Control (QA/QC) Sampling

For QA/QC purposes, the following samples were collected for laboratory analysis: one MS/MSD sample (RI-MW-04_20220330); one blind duplicate sample (RI-MW-X_20220330 from RI-MW-03_20220330); one aqueous field blank sample (RI-FB-GW_20220330); one aqueous equipment blank sample (RI-EB-GW_20220330); and one aqueous trip blank sample (RI-TB-GW_20220330), as discussed in Section 4.6.7.

Groundwater samples slated for laboratory analysis were labeled, placed in ice-filled coolers, and shipped to the laboratory via courier with proper CoC documentation, in accordance with EPA protocols. The samples were analyzed by TestAmerica with Category B deliverables. Third-party data validation was performed by L.A.B. Validation Corp, and DUSRs were prepared. The DUSRs are included in Appendix H.

Groundwater analytical data is discussed in Section 5.3.

4.7.5 Soil Vapor Sampling

Soil vapor samples were collected from 12 temporary soil vapor points (RI-SV-01 through RI-SV-12). Prior to sample collection, each temporary soil vapor sampling point was purged using a Gilian GilAir Plus at a flow rate of approximately 0.2 Liters per minute. During purging, a shroud was placed over each sampling point and helium gas was introduced to saturate the atmosphere around the sample port. Purged vapors were collected in a Tedlar® bag and field-screened for organic vapors using a 10.6 eV 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 passed the seal integrity tests with helium detections of non-detect. The purged vapors were field screened with a PID and readings ranging between 2.7 to 9.0 ppm were noted.

After purging, each probe was connected via Teflon™-lined polyethylene tubing to a laboratory-supplied 6-Liter SUMMA® canister equipped with a flow regulator set to collect a sample over a two-hour sampling period. In addition, one ambient air sample was also collected from an exterior location. Immediately after opening the flow control valve, the initial SUMMA® 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 the laboratory.

Soil vapor sampling locations, depths, and rationales are summarized in Table D below.

Table D
Soil Vapor Sample Details

Soil Vapor Point ID	Temporary Soil Vapor Point Location	Sampling Depth (feet bgs)	Purged Vapor PID Reading (ppm)	Rationale For Sampling Location
RI-SV-01	Northwestern	15	0.8	To evaluate soil vapor on the northwestern portion ofthe Site, to evaluate the potential for off-site exposures to the northwest, and to complete thesignificant threat determination
RI-SV-02	Northern	0.5*	0.5	To evaluate soil vapor on the northern portion of the Site, to evaluate the potential for off-site exposures tothe north, and to complete the significant threat determination
RI-SV-03	Northeastern	15	3.8	To evaluate soil vapor in the northeastern portion ofthe Site, to evaluate the potential for off-site exposures to the northeast, and to complete the significant threat determination
RI-SV-04	Northern/Central	0.5*	1.0	To evaluate soil vapor in the northern/central portion of the Site, and complete the significant threatdetermination

Soil Vapor Point ID	Temporary Soil Vapor Point Location	Sampling Depth (feet bgs)	Purged Vapor PID Reading (ppm)	Rationale For Sampling Location
RI-SV-05	Northern/Central	0.5*	0.4	To evaluate soil vapor in the northern/central portionof the Site, and complete the significant threat determination
RI-SV-06	Western	15	1.2	To evaluate soil vapor on the western portion of the Site, to evaluate the potential for off-site exposures to the west, and to complete the significant threat determination
RI-SV-07	Central	15	1.4	To evaluate soil vapor in the central portion of the Site, and complete the significant threat determination
RI-SV-08	Central	15	0.7	To evaluate soil vapor in the central portion of the Site, and complete the significant threat determination
RI-SV-09	Eastern	15	0.7	To evaluate soil vapor on the eastern portion of the Site, to evaluate the potential for off-site exposures tothe east, and to complete the significant threat determination
RI-SV-10	Southwestern	15	1.5	To evaluate soil vapor on the southwestern portion ofthe Site, to evaluate the potential for off-site exposures to the southwest, and to complete the significant threat determination
RI-SV-11	Southern	15	4.1	To evaluate soil vapor on the southern portion of the Site, to evaluate the potential for off-site exposures tothe south, and to complete the significant threat determination
RI-SV-12	Southeastern	15	1.9	To evaluate soil vapor on the southeastern portion ofthe Site, to evaluate the potential for off-site exposures to the southeast, and to complete the significant threat determination

Note:
*Sample was collected from approximately 6-inches below the building cellar slab.

The soil vapor sampling logs are provided in Appendix G. Methodologies used for soil vapor assessment conform to the *New York State Department of Health Final Guidance on Soil Vapor Intrusion, October 2006; updated May 2017*.

The soil vapor samples were analyzed by TestAmerica with Category B deliverables. Sample containers were shipped to the laboratory via courier with appropriate CoC documentation. Each sample was analyzed for VOCs by EPA Method TO-15. Third-party data validation was performed by L.A.B. Validation Corp and DUSRs were prepared. The DUSRs are included in Appendix H. Soil vapor analytical data is discussed in Section 5.4.Chemical Analysis

Chemical analytical work has been performed under a Quality Assurance (QA) program, which is summarized in Table E.

Table E
QA Program

Factor	Description
Quality Assurance Officer	The chemical analytical QA/QC was directed by Colleen Griffiths of AKRF.
Chemical Analytical Laboratory	The chemical analytical laboratory used in the RI was TestAmerica of Edison, New Jersey, an ELAP-certified laboratory.
Chemical Analytical Methods	Soil analytical methods: • VOCs by EPA Method 8260C (rev. 2006) • SVOCs by EPA Method 8270D (rev. 2007) • Pesticides by EPA Method 8081B (rev. 2000) • PCBs by EPA Method 8082A (rev. 2000) • TAL Metals by EPA Method 6000/7000 series (rev. 2007) • TCLP Lead by EPA Method 1311 • Hexavalent chromium by EPA Method 7196A (rev. 1992) • 1,4-dioxane by EPA Method 8270 • 21 compound PFAS list by Modified EPA Method 537 Groundwater analytical methods: • VOCs by EPA Method 8260C (rev. 2006) • SVOCs by EPA Method 8270D (rev. 2007) • Pesticides by EPA Method 8081B (rev. 2000) • PCBs by EPA Method 8082A (rev. 2000) • TAL Metals (total and dissolved) by EPA Method 6000/7000 series (rev. 2007) • 1,4-dioxane by EPA Method 8270D SIM • 21 compound PFAS list by Modified EPA Method 537 Soil vapor analytical method: • VOCs by EPA Method TO-15

4.7.6 Quality Assurance/Quality Control (QA/QC) Sampling

In accordance with DER-10 requirements, QA/QC procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analyses for this investigation. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site, and (2) to identify possible cross-contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix or by laboratory techniques that may have introduced systematic or random errors to the analytical process.

QA/QC samples were analyzed at TestAmerica. QA/QC sampling consisted of the following:

Soil QA/QC Samples

- Three MS/MSD samples: RI-SB-04_0-2_20220328, RI-SB-14_0-2_20220328, and RI-SB-19_13-15_20220323;

- Three blind duplicate samples: RI-SB-X_0-2_20220323 from RI-SB-08_0-2_20220323, RI-SB-X2_7-9_20220328 from RI-SB-10_7-9_20220328, and RI-SB-X3_8-10_20220328 from RI-SB-16_8-10_20220328;
- Three field blank samples: RI-FB-01_20220323, RI-FB-02_20220330, and RI-FB-03_20220404;
- Three equipment blank samples: RI-EB-01_20220323, RI-EB-02_20220330, and RI-EB-03_20220404;
- Two trip blank samples: RI-TB-01_20220323 and RI-TB-02_20220330.

Groundwater QA/QC Samples

- One MS/MSD sample: RI-MW-04_20220330;
- One blind duplicate sample: RI-MW-X_20220330 from RI-MW-03_20220330;
- One aqueous field blank sample: RI-FB-GW_20220330;
- One aqueous equipment blank sample: RI-EB-GW_20220330;
- One aqueous trip blank sample: RI-TB-GW_20220330.

QA/QC samples were submitted with the soil and groundwater samples. The field blank, equipment blank, blind duplicate, and MS/MSD samples were analyzed for the same analyte list as the accompanying soil and groundwater samples. The trip blank samples were submitted for laboratory analysis of VOCs only. Due to a sample jar failure in the field, the third trip blank sample could not be submitted to the laboratory for analysis.

The third-party data validation was performed by L.A.B. Validation Corp. of East Northport, New York and reported in DUSRs for soil, groundwater, and soil vapor laboratory analytical data sets (see Appendix H).

Data Validation

The DUSRs concluded that the overall assessment of the data generated was of acceptable quality, with additional data qualifiers for specific compounds added for soil, groundwater, and soil vapor (as explained in Appendix H). These qualifiers have been added to the attached soil, groundwater, and soil vapor data summary tables.

4.7.7 Results of Chemical Analyses

RI laboratory data for soil, groundwater, and soil vapor samples are summarized in Tables 1 through 7, Tables 8 through 14, and Table 15, respectively. Concentrations of analytes identified in soil above the 6 New York Codes, Rules, and Regulations (NYCRR) Restricted Residential Soil Cleanup Objectives (RRSCOs) and/or Unrestricted Use Soil Cleanup Objectives (UUSCOs), during the RI, are shown on Figure 6. Laboratory data for soil from AKRF's August 2021 Limited Subsurface (Phase II) Investigation is summarized on Figure 6A. Groundwater sample concentrations above the NYSDEC Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs) are shown on Figure 7. Groundwater sample PFAS concentrations above the Screening Levels are shown on Figure 8. Soil vapor sample analytical results are shown on Figure 9. Laboratory data deliverables are provided in digital form in Appendix H.

4.7.8 Management of Investigation-Derived Waste (IDW)

Handling of investigation-derived wastes (IDWs) and backfilling of boreholes was conducted in accordance with Section 3.3(e) of DER-10 and the NYSDEC-approved RIWP. No soil IDW exhibited evidence of gross contamination (e.g., staining, elevated PID readings, presence of ash, oily sheens, odors, etc.); therefore, the IDWs were used to backfill the corresponding borehole that generated them to within 24 inches of the surface. Soil cuttings, development water, and purge water generated during groundwater monitoring well installation and groundwater sampling were containerized in 55-gallon DOT-approved drums.

4.7.9 Deviations from the Remedial Investigation Work Plan (RIWP)

The following components of the RI can be considered deviations from the RIWP:

- Monitoring well RI-MW-01 was installed; however, the well could not be developed or sampled due to a lack of groundwater recharge. AKRF made several attempts to pump and surge the well to encourage recharge; however, all attempts were unsuccessful.
- Due to a sample jar failure in the field, the third trip blank sample could not be submitted to the laboratory for analysis.
- Due to an elevated concentration of total lead in soil sample RI-SB-20_13-15_20220328, the sample was additionally analyzed for TCLP lead to determine if hazardous concentrations of lead exists in soil/fill at this location.

None of the deviations referenced above materially affected achievement of the RI objectives.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

5.1.1 Stratigraphy

Soil observed in the borings consisted of historic fill comprising sand, gravel, and silt with varying amounts of concrete, brick, wood, ash, and asphalt from surface grade to between 6 to 15 feet bgs. The fill was underlain by sand, silt, and clay with gravel observed at variable depths ranging from 6 to 80 feet bgs (noted during monitoring well installation). Lithographic cross sections are included as Figures 3 and 4.

5.1.2 Hydrogeology

Based on the Site-specific groundwater measurements, groundwater beneath the Site ranges from 10.71 to 10.78 feet NAVD 88. The groundwater flow direction could not be determined or confirmed based on the Site-specific groundwater depths and elevation survey; however, based on topography of the area, the groundwater is expected to flow beneath the Site in a southwesterly direction towards Prospect Lake (the nearest body of water).

5.2 Soil Chemistry

Sixty parent soil samples and three blind duplicate soil samples were submitted for laboratory analysis during the RI.

The soil sample analytical results for VOCs, SVOCs, PCBs, pesticides, and metals were compared to the 6 NYCRR Part 375 RRSCOs and UUSCOs. No standard currently exists in New York State for 1,4-dioxane in soil. PFAS concentrations were compared to the guidance values noted in the NYSDEC Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs, issued in June 2021. Concentrations of VOCs, SVOCs, pesticides, PCBs, and metals in soil above RRSCOs and/or UUSCOs are shown on Figure 6. Soil laboratory analytical data reports are included in Appendix H.

5.2.1 Volatile Organic Compounds (VOCs) in Soil

Acetone was detected in five samples [RI-SB-07_10-12_20220404, RI-SB-08_0-2_20220323 and its duplicate sample RI-SB-X_0-2_20220323, RI-SB-08_4-6_20220323, and RI-SB-10_0-2_20220328] above its UUSCO of 0.05 mg/kg at concentrations ranging from 0.060 mg/kg to 0.11 mg/kg. The VOCs, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone (MEK), benzene, carbon disulfide, ethylbenzene, methylcyclohexane, m-xylene & p-xylene, o-xylene, tert-butylbenzene, tetrachloroethene (PCE), toluene, and total xylenes were reported at estimated trace concentrations in one or more samples and the levels were well below their respective UUSCOs. No other VOCs were detected.

Soil analytical results for VOCs are presented in Table 1. Table F summarizes VOCs detected above UUSCOs and/or RRSCOs in the soil samples.

Table F
VOC Concentrations in Soil Samples Above UUSCOs and/or RRSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
Acetone	RI-SB-07_10-12_20220404	0.05	100	0.06
	RI-SB-08_0-2_20220323			0.071
	RI-SB-08_4-6_20220323			0.097
	RI-SB-10_0-2_20220328			0.11
	RI-SB-X_0-2_20220323			0.084
Tetrachloroethylene (PCE)	SB-105_13-15_20210806	1.3	19	10 J

Notes:
J = The reported value is estimated.
mg/kg = milligrams per kilogram
Sample detections that exceed the RRSCOs are highlighted in **bold**.
RI-SB-X_0-2_20220323 is a blind duplicate of sample RI-SB-08_0-2_20220323.

5.2.2 Semivolatile Organic Compounds (SVOCs) in Soil

SVOCs were identified in 61 of the 63 samples analyzed ranging from estimated trace concentrations to a maximum of 75 milligrams per kilogram (mg/kg) (for fluoranthene in duplicate sample RI-SB-X_0-2_20220323). Of the detected compounds, eight SVOCs [4-methylphenol, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-c,d)pyrene] were detected at concentrations above RRSCOs and/or UUSCOs in up to 16 samples (including duplicate samples). The detected compounds are all polycyclic aromatic hydrocarbons (PAHs), a class of SVOCs often found in historic fill material.

Table G summarizes SVOCs detected above UUSCOs and/or RRSCOs in the soil samples.

Table G
SVOC Concentrations in Soil Samples Above UUSCOs and/or RRSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
4-Methylphenol (P-Cresol)	RI-SB-19_13-15_20220323	0.33	100	0.44
Benzo(a)Anthracene	RI-SB-01_0-2_20220328	1	1	**2.2**
	RI-SB-04_0-2_20220328			**4.2**
	RI-SB-08_0-2_20220323			**31**
	RI-SB-10_0-2_20220328			**5**
	RI-SB-10_7-9_20220328			**2.4 J**
	RI-SB-11_0-2_20220324			**3.2**
	RI-SB-11_4-6_20220324			**2.7**
	RI-SB-12_0-2_20220328			**3**
	RI-SB-13_0-2_20220328			**8**
	RI-SB-15_0-2_20220328			**3.2**
	RI-SB-16_0-2_20220328			**2.5**
	RI-SB-20_0-2_20220328			**4.5**
	RI-SB-X_0-2_20220323			**31**
	SB-101_0-2_20210806			**1.6**
	SB-102_0-2_20210806			**1.6**

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
Benzo(a)Anthracene (continued)	SB-102_11-13_20210806	1	1	**3.8**
	SB-102_3-5_20210806			**1.4**
	SB-103_0-2_20210806			**4.3**
	SB-104_3-5_20210806			**1.6**
	SB-106_0-2_20210806			**2.5**
	SB-107_0-2_20210806			**3.4**
	SB-107_3-5_20210806			**9.1 D**
	SB-108_0-2_20210806			**6.1**
	SB-108_3-5_20210806			**1.1**
Benzo(a)Pyrene	RI-SB-01_0-2_20220328	1	1	**2**
	RI-SB-04_0-2_20220328			**3.9**
	RI-SB-08_0-2_20220323			**28**
	RI-SB-10_0-2_20220328			**4.6**
	RI-SB-10_7-9_20220328			**2.1 J**
	RI-SB-11_0-2_20220324			**2.9**
	RI-SB-11_4-6_20220324			**2.5**
	RI-SB-12_0-2_20220328			**2.8**
	RI-SB-13_0-2_20220328			**7.9**
	RI-SB-15_0-2_20220328			**3.3**
	RI-SB-16_0-2_20220328			**2.6**
	RI-SB-20_0-2_20220328			**4.6**
	RI-SB-X_0-2_20220323			**30**
	SB-101_0-2_20210806			**1.6**
	SB-102_0-2_20210806			**1.7**
	SB-102_11-13_20210806			**4.1**
	SB-102_3-5_20210806			**1.5**
	SB-103_0-2_20210806			**4.7**
	SB-104_3-5_20210806			**2**
	SB-106_0-2_20210806			**2.7**
	SB-107_0-2_20210806			**3.9**
	SB-107_3-5_20210806			**9.8 D**
	SB-108_0-2_20210806			**6.4**
	SB-108_3-5_20210806			**1.3**
Benzo(b)Fluoranthene	RI-SB-01_0-2_20220328	1	1	**2.6 J**
	RI-SB-04_0-2_20220328			**5.6 J**
	RI-SB-04_13-15_20220328			**1.4 J**
	RI-SB-08_0-2_20220323			**38 J**
	RI-SB-10_0-2_20220328			**6 J**
	RI-SB-10_7-9_20220328			**2.9 J**
	RI-SB-11_0-2_20220324			**4.3**
	RI-SB-11_4-6_20220324			**3.6**
	RI-SB-12_0-2_20220328			**4.3 J**
	RI-SB-13_0-2_20220328			**9.3 D**
	RI-SB-15_0-2_20220328			**4.5 J**
	RI-SB-16_0-2_20220328			**3.8**
	RI-SB-17_7-9_20220328			**1.2**

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
Benzo(b)Fluoranthene (continued)	RI-SB-20_0-2_20220328	1	1	**6.7**
	RI-SB-X_0-2_20220323			**42**
	SB-101_0-2_20210806			**2.3**
	SB-102_0-2_20210806			**2**
	SB-102_11-13_20210806			**4.7**
	SB-102_3-5_20210806			**1.7**
	SB-103_0-2_20210806			**5.8**
	SB-104_3-5_20210806			**2.7**
	SB-106_0-2_20210806			**3.3**
	SB-107_0-2_20210806			**4.6**
	SB-107_3-5_20210806			**10 D**
	SB-108_0-2_20210806			**8.2**
	SB-108_3-5_20210806			**1.6**
Benzo(k)Fluoranthene	RI-SB-01_0-2_20220328	0.8	3.9	0.98
	RI-SB-04_0-2_20220328			2.3
	RI-SB-08_0-2_20220323			**16**
	RI-SB-10_0-2_20220328			1.9
	RI-SB-10_7-9_20220328			1.1 J
	RI-SB-11_0-2_20220324			1.7
	RI-SB-11_4-6_20220324			1.4
	RI-SB-12_0-2_20220328			1.7
	RI-SB-13_0-2_20220328			3.7 J
	RI-SB-15_0-2_20220328			1.7
	RI-SB-16_0-2_20220328			1.4
	RI-SB-20_0-2_20220328			2.8
	RI-SB-X_0-2_20220323			**13**
	SB-101_0-2_20210806			0.99
	SB-102_11-13_20210806			1.7
	SB-103_0-2_20210806			2.1
	SB-104_3-5_20210806			1.1
	SB-106_0-2_20210806			1.3
	SB-107_0-2_20210806			1.8
	SB-107_3-5_20210806			**4.7**
	SB-108_0-2_20210806			3.6
Chrysene	RI-SB-01_0-2_20220328	1	3.9	2
	RI-SB-04_0-2_20220328			3.9
	RI-SB-08_0-2_20220323			**29**
	RI-SB-10_0-2_20220328			**4.4**
	RI-SB-10_7-9_20220328			2.2 J
	RI-SB-11_0-2_20220324			3
	RI-SB-11_4-6_20220324			2.6
	RI-SB-12_0-2_20220328			2.7
	RI-SB-13_0-2_20220328			**7.6**
	RI-SB-15_0-2_20220328			3
	RI-SB-16_0-2_20220328			2.5
	RI-SB-20_0-2_20220328			**4.7**

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
Chrysene (continued)	RI-SB-X_0-2_20220323	1	3.9	**33**
	SB-101_0-2_20210806			1.5
	SB-102_0-2_20210806			1.5
	SB-102_11-13_20210806			3.3
	SB-102_3-5_20210806			1.3
	SB-103_0-2_20210806			**4**
	SB-104_3-5_20210806			1.6
	SB-106_0-2_20210806			2.7
	SB-107_0-2_20210806			3.6
	SB-107_3-5_20210806			**8.6 D**
	SB-108_0-2_20210806			**6**
	SB-108_3-5_20210806			1.2
Dibenz(a,h)Anthracene	RI-SB-04_0-2_20220328	0.33	0.33	**0.34**
	RI-SB-08_0-2_20220323			**3.8**
	RI-SB-10_0-2_20220328			**0.48**
	RI-SB-10_7-9_20220328			**0.56 J**
	RI-SB-11_0-2_20220324			**0.55**
	RI-SB-13_0-2_20220328			**1.1**
	RI-SB-15_0-2_20220328			**0.45**
	RI-SB-16_0-2_20220328			**0.46**
	RI-SB-20_0-2_20220328			**0.76**
	RI-SB-X_0-2_20220323			**4.8**
	SB-102_11-13_20210806			**0.44**
	SB-103_0-2_20210806			**0.51**
	SB-106_0-2_20210806			**0.48**
	SB-107_0-2_20210806			**0.68**
	SB-107_3-5_20210806			**1.7**
	SB-108_0-2_20210806			**1.2**
Indeno(1,2,3-c,d)Pyrene	RI-SB-01_0-2_20220328	0.5	0.5	**1.4**
	RI-SB-04_0-2_20220328			**2.1**
	RI-SB-04_13-15_20220328			**0.91**
	RI-SB-08_0-2_20220323			**17 J**
	RI-SB-10_0-2_20220328			**2.6**
	RI-SB-10_7-9_20220328			**1.9 J**
	RI-SB-11_0-2_20220324			**3.9**
	RI-SB-11_4-6_20220324			**1.4**
	RI-SB-12_0-2_20220328			**1.6**
	RI-SB-13_0-2_20220328			**5.4**
	RI-SB-15_0-2_20220328			**2.5**
	RI-SB-16_0-2_20220328			**1.7**
	RI-SB-17_7-9_20220328			**0.58**
	RI-SB-20_0-2_20220328			**2.9**
	RI-SB-X_0-2_20220323			**21**
	SB-101_0-2_20210806			**1**
	SB-102_0-2_20210806			**1.1**
	SB-102_11-13_20210806			**2.5**

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
Indeno(1,2,3-c,d)Pyrene (continued)	SB-102_3-5_20210806	0.5	0.5	**0.95**
	SB-103_0-2_20210806			**2.9**
	SB-104_3-5_20210806			**0.86**
	SB-106_0-2_20210806			**1.8**
	SB-107_0-2_20210806			**2.5**
	SB-107_3-5_20210806			**6.9**
	SB-108_0-2_20210806			**4.1**
	SB-108_13-15_20210806			**0.6**
	SB-108_3-5_20210806			**0.9**

Notes:
D = Indicates an identified compound in an analysis that has been diluted.
J = The reported value is estimated.
mg/kg = milligrams per kilogram
Sample detections that exceed the RRSCOs are highlighted in bold.
RI-SB-X_0-2_20220323 is a blind duplicate of sample RI-SB-08_0-2_20220323.

Soil analytical results for SVOCs are presented in Table 2.

5.2.3 Target Analyte List (TAL) Metals in Soil

All 24 metals analyzed were detected in one or more samples ranging from estimated trace concentrations to a maximum of 124,000 mg/kg (for calcium in sample RI-SB-09_0-2_20220325). Eleven metals (arsenic, barium, cadmium, hexavalent chromium, copper, lead, mercury, nickel, selenium, silver, and zinc) were detected at concentrations above RRSCOs and/or UUSCOs in up to 31 soil samples (including duplicate samples).

Table H summarizes metals detected above UUSCOs and/or RRSCOs in soil samples.

Table H
TAL Metals Concentrations in Soil Samples Above UUSCOs and/or RRSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
Arsenic	RI-SB-05_10-12_20220404	13	16	**19.9**
	SB-106_0-2_20210806			14
	SB-107_0-2_20210806			13.6
Barium	RI-SB-05_10-12_20220404	350	400	357
Cadmium	RI-SB-05_10-12_20220404	2.5	4.3	**4.4**
	RI-SB-07_10-12_20220404			**5.5**
Chromium, Hexavalent	RI-SB-11_0-2_20220324	1	110	2.8
	RI-SB-19_0-2_20220323			2.2 J
Copper	RI-SB-05_10-12_20220404	50	270	205
	RI-SB-05_13-15_20220404			77.1
	RI-SB-08_0-2_20220323			72.6
	RI-SB-12_0-2_20220328			117
	RI-SB-19_7-9_20220323			89.3
	RI-SB-X_0-2_20220323			118
	SB-106_0-2_20210806			100
	SB-107_0-2_20210806			128

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
Lead	RI-SB-01_0-2_20220328	63	400	82.8
	RI-SB-04_0-2_20220328			200 J
	RI-SB-04_13-15_20220328			247
	RI-SB-04_5-7_20220328			77.1
	RI-SB-04_9-11_20220328			84.6
	RI-SB-05_10-12_20220404			**1,170**
	RI-SB-05_13-15_20220404			98.6
	RI-SB-07_10-12_20220404			284
	RI-SB-08_0-2_20220323			315
	RI-SB-08_4-6_20220323			341
	RI-SB-09_5-7_20220325			279
	RI-SB-10_0-2_20220328			68.9
	RI-SB-11_0-2_20220324			87.1
	RI-SB-11_4-6_20220324			124
	RI-SB-13_0-2_20220328			112
	RI-SB-15_0-2_20220328			64.2
	RI-SB-16_0-2_20220328			102
	RI-SB-18_0-2_20220328			107
	RI-SB-18_13-15_20220328			157
	RI-SB-20_13-15_20220328			**12,100**
	RI-SB-20_4-6_20220328			180
	RI-SB-X_0-2_20220323			399
	SB-101_0-2_20210806			74.4
	SB-102_0-2_20210806			159
	SB-103_0-2_20210806			171
	SB-104_0-2_20210806			118
	SB-104_3-5_20210806			161
	SB-105_0-2_20210806			234
	SB-105_13-15_20210806			68.1
	SB-106_0-2_20210806			**443**
	SB-106_3-5_20210806			145
	SB-107_0-2_20210806			**421**
	SB-107_3-5_20210806			120
	SB-108_0-2_20210806			136
	SB-108_3-5_20210806			120
Mercury	RI-SB-04_0-2_20220328	0.18	0.81	**1.1**
	RI-SB-04_5-7_20220328			0.21
	RI-SB-04_9-11_20220328			0.47
	RI-SB-05_10-12_20220404			0.4
	RI-SB-08_0-2_20220323			0.4
	RI-SB-08_13-15_20220323			0.3
	RI-SB-08_4-6_20220323			0.52
	RI-SB-09_0-2_20220325			0.27
	RI-SB-09_5-7_20220325			0.29
	RI-SB-10_0-2_20220328			0.42
	RI-SB-11_0-2_20220324			0.4

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
Mercury (continued)	RI-SB-13_0-2_20220328	0.18	0.81	0.19
	RI-SB-15_0-2_20220328			0.25
	RI-SB-15_7-9_20220328			0.39
	RI-SB-16_0-2_20220328			0.53
	RI-SB-20_4-6_20220328			0.22
	RI-SB-X_0-2_20220323			0.43
	SB-101_0-2_20210806			0.28
	SB-102_0-2_20210806			0.43
	SB-102_11-13_20210806			0.63
	SB-103_0-2_20210806			0.51
	SB-104_0-2_20210806			0.29
	SB-104_8-10_20210806			0.25
	SB-105_0-2_20210806			0.65
	SB-105_13-15_20210806			0.28
	SB-107_0-2_20210806			0.37
	SB-107_3-5_20210806			0.36
	SB-108_0-2_20210806			0.45
	SB-108_13-15_20210806			**2.6**
	SB-108_3-5_20210806			0.44
Nickel	RI-SB-02_14-16_20220404	30	310	55.6
	RI-SB-05_10-12_20220404			110
	RI-SB-05_13-15_20220404			40.7
	RI-SB-X_0-2_20220323			30.8
	SB-101_13-15_20210806			30.3
	SB-102_0-2_20210806			32.9
	SB-102_11-13_20210806			30.8
	SB-106_0-2_20210806			41.9
	SB-107_0-2_20210806			34.4
Selenium	RI-SB-05_10-12_20220404	3.9	180	4.4
Silver	RI-SB-07_10-12_20220404	2	180	5
Zinc	RI-SB-02_14-16_20220404	109	10,000	151
	RI-SB-03_13-15_20220404			215
	RI-SB-04_0-2_20220328			165 JL
	RI-SB-04_13-15_20220328			146
	RI-SB-05_10-12_20220404			654
	RI-SB-05_13-15_20220404			166
	RI-SB-08_0-2_20220323			326 J
	RI-SB-08_4-6_20220323			1,450
	RI-SB-09_5-7_20220325			135
	RI-SB-10_0-2_20220328			203
	RI-SB-11_4-6_20220324			130
	RI-SB-12_0-2_20220328			141
	RI-SB-16_0-2_20220328			502
	RI-SB-18_13-15_20220328			125
	RI-SB-19_0-2_20220323			143
	RI-SB-20_13-15_20220328			115

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
Zinc (continued)	RI-SB-X_0-2_20220323	109	10,000	451 J
	SB-102_0-2_20210806			153
	SB-103_0-2_20210806			149
	SB-105_0-2_20210806			144
	SB-106_0-2_20210806			420
	SB-106_3-5_20210806			117
	SB-107_0-2_20210806			496
	SB-108_0-2_20210806			136

Notes:
J = The reported value is estimated.
L = Sample result is estimated and biased low.
mg/kg = milligrams per kilogram
Sample detections that exceed the RRSCOs are highlighted in bold.
RI-SB-X_0-2_20220323 is a blind duplicate of sample RI-SB-08_0-2_20220323.

Based on the elevated concentration of total lead in sample RI-SB-20_13-15_20220328, the sample was further analyzed for TCLP lead. The resulting concentration was not detected above the RL of 12.0 micrograms per liter (µg/L); and is therefore below the EPA Resource Conservation and Recovery Act (RCRA) hazardous waste threshold limit of 5,000 µg/L.

Soil analytical results for TAL metals are presented in Table 3. Results for TCLP Lead are presented in Table 4.

5.2.4 Pesticides and Polychlorinated Biphenyls (PCBs) in Soil

Four pesticides (4,4'-DDD, 4,4'-DDE, 4,4'-DDT and cis-chlordane) were detected in one or more samples ranging from an estimated trace concentration to a maximum of 0.12 mg/kg (4,4'-DDD in sample RI-SB-05_10-12_20220404). These pesticides were detected above the UUSCOs but below RRSCOs in 5 samples, including one duplicate sample.

Table I summarizes pesticides detected above UUSCOs in soil samples.

Table I
Pesticide Concentrations in Soil Samples Above UUSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
P,P'-DDD	RI-SB-05_10-12_20220404	0.0033	13	0.12 JK
	RI-SB-05_13-15_20220404			0.019 JK
	RI-SB-08_0-2_20220323			0.014 JK
	RI-SB-X_0-2_20220323			0.021 JK
	SB-102_11-13_20210806			0.0061 J
P,P'-DDE	RI-SB-05_10-12_20220404	0.0033	8.9	0.011 JK
	RI-SB-08_0-2_20220323			0.0054 JK
	RI-SB-X_0-2_20220323			0.017 J
	SB-102_11-13_20210806			0.0043 J
	SB-106_0-2_20210806			0.0043 J
	SB-107_0-2_20210806			0.0069 J

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
P,P'-DDT	RI-SB-05_10-12_20220404	0.0033	7.9	0.019 JK
	RI-SB-05_13-15_20220404			0.015 JK
	RI-SB-08_0-2_20220323			0.0084 JK
	RI-SB-11_4-6_20220324			0.0042 JK
	RI-SB-X_0-2_20220323			0.0092 JK
	SB-106_0-2_20210806			0.013 JK
	SB-107_0-2_20210806			0.022 JK

Notes:
J = The reported value is estimated.
K = Reported concentration value is proportional to dilution factor and may be exaggerated.
mg/kg = milligrams per kilogram
Sample detections that exceed the RRSCOs are highlighted in bold.
RI-SB-X_0-2_20220323 is a blind duplicate of sample RI-SB-08_0-2_20220323.

One PCB, Aroclor 1260, was detected in sample RI-SB-08_0-2_20220323 and its blind duplicate sample RI-SB-X_0-2_20220323 at concentrations of 0.07 mg/kg and 0.09mg/kg, respectively, which are below the UUSCO for total PCBs.

Soil analytical results for PCBs are presented in Table 5 and pesticides are presented in Table 6.

5.2.5 Per- and Polyfluoroalkyl Substances (PFAS) and 1,4-Dioxane in Soil

PFAS compounds were detected in 47 soil samples collected with concentrations ranging from estimated trace concentrations to a maximum of 2.07 parts per billion (ppb) (in sample RI-SB-05_10-12_20220404). Concentrations of PFOS and PFOA were detected below their respective guidance values. The compound 1,4-dioxane was not detected at or above the laboratory reporting limit (RL) in the samples analyzed.

Soil analytical results for PFAS and 1,4-dioxane are summarized in Tables 7 and 2, respectively. Table J summarizes PFAS detections in soil samples.

Table J
PFAS Detections in Soil Samples

Analyte	Sample Identification	UUGV (ppb)	RRGV (ppb)	Result (ppb)
6:2 Fluorotelomer sulfonate	RI-SB-08_0-2_20220323	NS	NS	0.49 J
	RI-SB-18_0-2_20220328			0.057 J
	RI-SB-X_0-2_20220323			0.25 J
8:2 Fluorotelomer sulfonate	RI-SB-08_0-2_20220323	NS	NS	0.28 J
	RI-SB-08_4-6_20220323			0.028 J
	RI-SB-12_13-15_20220328			0.021 J
	RI-SB-14_13-15_20220328			0.25 J
	RI-SB-18_13-15_20220328			0.03 J
	RI-SB-20_0-2_20220328			0.023 J
	RI-SB-X_0-2_20220323			0.099 J

Analyte	Sample Identification	UUGV (ppb)	RRGV (ppb)	Result (ppb)
N-ethyl perfluorooctanesulfonamidoacetic acid	RI-SB-02_10-12_20220404	NS	NS	0.24 J
	RI-SB-03_10-12_20220404			0.2 J
	RI-SB-03_13-15_20220404			0.17 J
	RI-SB-05_10-12_20220404			0.88 J
	RI-SB-05_13-15_20220404			0.44 J
	RI-SB-07_10-12_20220404			0.48 J
	RI-SB-07_13-15_20220404			0.43 J
Perfluorobutanesulfonic acid	RI-SB-04_5-7_20220328	NS	NS	0.017 J
	RI-SB-08_0-2_20220323			1.37
	RI-SB-08_4-6_20220323			0.012 J
	RI-SB-20_0-2_20220328			0.01 J
	RI-SB-X_0-2_20220323			1.3
Perfluorobutanoic acid	RI-SB-08_0-2_20220323	NS	NS	5.21
	RI-SB-08_4-6_20220323			0.2 J
	RI-SB-11_4-6_20220324			0.36 J
	RI-SB-19_7-9_20220323			0.19 J
	RI-SB-X_0-2_20220323			4.19
Perfluorodecanesulfonic acid	RI-SB-09_0-2_20220325	NS	NS	0.012 J
	RI-SB-19_7-9_20220323			0.023 J
Perfluorodecanoic acid	RI-SB-01_0-2_20220328	NS	NS	0.09 J
	RI-SB-01_9-11_20220328			0.013 J
	RI-SB-09_0-2_20220325			0.062 J
	RI-SB-14_5-7_20220328			0.015 J
	RI-SB-18_0-2_20220328			0.018 J
Perfluorododecanoic acid	RI-SB-14_5-7_20220328	NS	NS	0.03 J
Perfluoroheptanoic acid	RI-SB-01_0-2_20220328	NS	NS	0.043 J
Perfluoroheptanoic acid	RI-SB-02_10-12_20220404	NS	NS	0.049 J
	RI-SB-02_14-16_20220404			0.075 J
	RI-SB-04_5-7_20220328			0.04 J
	RI-SB-08_4-6_20220323			0.024 J
	RI-SB-10_7-9_20220328			0.026 J
	RI-SB-11_0-2_20220324			0.037 J
	RI-SB-14_13-15_20220328			0.032 J
	RI-SB-18_13-15_20220328			0.04 J
	RI-SB-20_4-6_20220328			0.094 J
	RI-SB-X2_7-9_20220328			0.024 J
Perfluorohexanesulfonic acid	RI-SB-04_5-7_20220328	NS	NS	0.026 J
	RI-SB-04_9-11_20220328			0.019 J
	RI-SB-05_10-12_20220404			0.048 J
	RI-SB-09_5-7_20220325			0.02 J
	RI-SB-10_7-9_20220328			0.018 J
	RI-SB-12_0-2_20220328			0.021 J
	RI-SB-15_0-2_20220328			0.025 J
	RI-SB-18_13-15_20220328			0.018 J

Analyte	Sample Identification	UUGV (ppb)	RRGV (ppb)	Result (ppb)
Perfluorohexanoic acid	RI-SB-01_0-2_20220328	NS	NS	0.049 J
	RI-SB-08_0-2_20220323			0.36 J
	RI-SB-09_9-11_20220325			0.027 J
	RI-SB-11_0-2_20220324			0.034 J
Perfluorononanoic acid	RI-SB-01_0-2_20220328	NS	NS	0.072 J
	RI-SB-04_0-2_20220328			0.04 J
	RI-SB-09_0-2_20220325			0.021 J
	RI-SB-10_0-2_20220328			0.04 J
	RI-SB-13_0-2_20220328			0.023 J
	RI-SB-15_0-2_20220328			0.12 J
	RI-SB-16_0-2_20220328			0.037 J
	RI-SB-20_0-2_20220328			0.029 J
Perfluorooctanesulfonic acid (PFOS)	RI-SB-01_0-2_20220328	0.88	44	0.29
	RI-SB-03_13-15_20220404			0.12 J
	RI-SB-04_0-2_20220328			0.13 J
	RI-SB-04_13-15_20220328			0.021 J
	RI-SB-04_5-7_20220328			0.069 J
	RI-SB-04_9-11_20220328			0.024 J
	RI-SB-05_10-12_20220404			0.14 J
	RI-SB-08_0-2_20220323			0.19 J
	RI-SB-08_13-15_20220323			0.053 J
	RI-SB-08_4-6_20220323			0.046 J
	RI-SB-09_0-2_20220325			0.28
	RI-SB-09_5-7_20220325			0.043 J
	RI-SB-10_0-2_20220328			0.072 J
	RI-SB-11_0-2_20220324			0.1 J
	RI-SB-11_4-6_20220324			0.061 J
	RI-SB-12_0-2_20220328			0.12 J
	RI-SB-13_0-2_20220328			0.051 J
	RI-SB-14_0-2_20220328			0.12 J
	RI-SB-15_0-2_20220328			0.15 J
	RI-SB-16_0-2_20220328			0.25
	RI-SB-17_0-2_20220328			0.056 J
	RI-SB-18_0-2_20220328			0.37
	RI-SB-18_4-6_20220328			0.14 J
	RI-SB-18_9-11_20220328			0.056 J
	RI-SB-19_0-2_20220323			0.047 J
	RI-SB-19_7-9_20220323			0.037 J
	RI-SB-20_0-2_20220328			0.083 J
	RI-SB-X_0-2_20220323			0.18 J
	RI-SB-X3_8-10_20220328			0.017 J

Analyte	Sample Identification	UUGV (ppb)	RRGV (ppb)	Result (ppb)
Perfluorooctanoic acid (PFOA)	RI-SB-01_0-2_20220328	0.66	33	0.11 J
	RI-SB-01_5-7_20220328			0.12 J
	RI-SB-02_10-12_20220404			0.14 J
	RI-SB-02_14-16_20220404			0.13 J
	RI-SB-03_10-12_20220404			0.09 J
	RI-SB-03_13-15_20220404			0.2 J
	RI-SB-04_0-2_20220328			0.053 J
	RI-SB-04_13-15_20220328			0.025 J
	RI-SB-04_5-7_20220328			0.1 J
	RI-SB-04_9-11_20220328			0.12 J
	RI-SB-08_0-2_20220323			0.35 J
	RI-SB-08_13-15_20220323			0.14 J
	RI-SB-08_4-6_20220323			0.029 J
	RI-SB-09_5-7_20220325			0.19 J
	RI-SB-10_0-2_20220328			0.064 J
	RI-SB-11_4-6_20220324			0.034 J
	RI-SB-12_0-2_20220328			0.13 J
	RI-SB-13_0-2_20220328			0.064 J
	RI-SB-14_0-2_20220328			0.032 J
	RI-SB-14_13-15_20220328			0.057 J
	RI-SB-14_5-7_20220328			0.064 J
	RI-SB-15_0-2_20220328			0.19 J
	RI-SB-16_8-10_20220328			0.16 J
	RI-SB-17_0-2_20220328			0.044 J
	RI-SB-18_13-15_20220328			0.18 J
	RI-SB-18_4-6_20220328			0.065 J
	RI-SB-18_9-11_20220328			0.1 J
	RI-SB-19_7-9_20220323			0.029 J
	RI-SB-20_0-2_20220328			0.082 J
	RI-SB-20_4-6_20220328			0.27
	RI-SB-X_0-2_20220323			0.22 J
	RI-SB-X2_7-9_20220328			0.032 J
	RI-SB-X3_8-10_20220328			0.082 J
Perfluoropentanoic acid	RI-SB-01_0-2_20220328	NS	NS	0.13 J
	RI-SB-02_10-12_20220404			0.076 J
	RI-SB-02_14-16_20220404			0.12 J
	RI-SB-03_13-15_20220404			0.061 J
	RI-SB-09_9-11_20220325			0.085 J
	RI-SB-10_0-2_20220328			0.045 J
	RI-SB-19_7-9_20220323			0.064 J
Perfluorotridecanoic acid	RI-SB-01_9-11_20220328	NS	NS	0.017 J
	RI-SB-14_5-7_20220328			0.02 J

Analyte	Sample Identification	UUGV (ppb)	RRGV (ppb)	Result (ppb)
Perfluoroundecanoic acid	RI-SB-01_0-2_20220328	NS	NS	0.023 J
	RI-SB-09_0-2_20220325			0.049 J
	RI-SB-14_5-7_20220328			0.021 J
Perfluroroctanesulfonamide	RI-SB-01_9-11_20220328	NS	NS	0.03 J
	RI-SB-10_13-15_20220328			0.026 J
	RI-SB-10_7-9_20220328			0.034 J
	RI-SB-12_0-2_20220328			0.018 J
	RI-SB-14_5-7_20220328			0.033 J

Notes:
ppb = parts per billion
J = The reported value is estimated
RI-SB-X_0-2_20220323 is a blind duplicate of sample RI-SB-08_0-2_20220323.
RI-SB-X2_7-9_20220328 is a blind duplicate of sample RI-SB-10_7-9_20220328.
RI-SB-X3_8-10_20220328 is a blind duplicate of sample RI-SB-16_8-10_20220328.

5.3 Groundwater Chemistry

Groundwater samples were submitted for laboratory analysis from three of the four permanent monitoring wells installed at the Site. The groundwater sample analytical results were compared to the NYSDEC Class GA AWQSGVs, the NYSDEC's June 2021 PFAS Screening Levels, and the August 2020 New York State (NYS) Maximum Contaminant Level (MCL) screening level for 1,4-dioxane. These standards are drinking water standards, although groundwater in Brooklyn is not used as a source of potable water. Groundwater sample concentrations above AWQSGVs are shown on Figure 7. Groundwater sample PFAS concentrations above the Screening Levels are shown on Figure 8. Groundwater laboratory analytical data reports are included in Appendix H.

5.3.1 Volatile Organic Compounds (VOCs) in Groundwater

Six VOCs (acetone, bromomethane, chloroform, cis-1,2-dichloroethene, PCE, and TCE) were detected in samples RI-MW-02_20220330, RI-MW-03_20220330, RI-MW-04_20220330, and RI-MW-X_20220330 (a blind duplicate of RI-MW-03_20220330).

The chlorinated VOC , PCE, was detected in each of the three samples at concentrations ranging between 5.3 micrograms per liter (µg/L) and 17 µg/L, above its AWQSGV of 5.0 µg/L. Chloroform was detected in each of the samples at concentrations ranging between 11 µg/L and 17 µg/L, above it AWQSGV of 7 µg/L.

Total xylenes were detected in the trip blank sample RI-TB-GW_20220330, field blank sample RI-FB-GW_20220330, and equipment blank sample RI-EB-GW_20220330 at estimated trace concentrations, well below their respective AWQSGVs. The compound was not detected in the samples collected from the monitoring wells. No other VOCs were detected in the samples analyzed.

Groundwater analytical results for VOCs are presented in Table 8. Table K summarizes VOC groundwater sample concentrations above AWQSGVs.

Table K
VOC Concentrations in Groundwater Samples AboveAWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Result (µg/L)
Chloroform	RI-MW-02_20220330	7	11
	RI-MW-03_20220330		17
	RI-MW-04_20220330		14
	RI-MW-X_20220330		15
Tetrachloroethylene (PCE)	RI-MW-02_20220330	5	5.3
	RI-MW-03_20220330		5.9
	RI-MW-04_20220330		17
	RI-MW-X_20220330		5.6

Notes:
µg/L = micrograms per liter
RI-MW-X_20220330 is a blind duplicate of sample RI-MW-03_20220330.

5.3.2 Semivolatile Organic Compounds (SVOCs) in Groundwater

The SVOCs 3 & 4 methylphenol and 4-methylphenol were detected in each of the samples collected at concentrations ranging between an estimated 1.2 µg/L and an estimated 6.2 µg/L. AWQSGVs have not been established for these compounds. No other SVOCs were detected in the samples analyzed.

Groundwater analytical results for SVOCs are presented in Table 9. Table L summarizes SVOC detections in groundwater samples.

Table L
SVOC Detections in Groundwater Samples

Analyte	Sample Identification	AWQSGV (µg/L)	Result (µg/L)
2-Nitroaniline	RI-MW-04_20220330	5	10 R
3- And 4- Methylphenol (Total)	RI-MW-02_20220330	NS	6.2 J
	RI-MW-03_20220330		1.3 J
	RI-MW-X_20220330		1.2 J
	RI-MW-04_20220330		1.2 J
3,3'-Dichlorobenzidine	RI-MW-04_20220330	5	10 R
3-Nitroaniline	RI-MW-04_20220330		10 R
4-Chloroaniline	RI-MW-04_20220330		10 R
4-Methylphenol (P-Cresol)	RI-MW-02_20220330	NS	6.2 J
	RI-MW-03_20220330		1.3 J
	RI-MW-X_20220330		1.2 J
	RI-MW-04_20220330		1.2 J

Notes:
µg/L = micrograms per liter
J = The reported value is estimated
R = Indicates the reported result is unusable.
RI-MW-X_20220330 is a blind duplicate of sample RI-MW-03_20220330.

5.3.3 Metals in Groundwater

Total (Unfiltered) Metals

Thirteen (out of the 23 analyzed) metals were detected in the samples analyzed, ranging from estimated trace concentrations to a maximum of 72,600 µg/L (for sodium in RI-MW-02_20220330). Six metals (antimony, iron, magnesium, manganese, selenium, and sodium) were detected in one or more of the total groundwater samples at concentrations above the AWQSGVs.

Table M summarizes total (unfiltered) groundwater sample concentrations above AWQSGVs.

Table M
Total (Unfiltered) Metals Concentrations in Groundwater Samples Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Result (µg/L)
Antimony	RI-MW-02_20220330	3	6.1
	RI-MW-03_20220330		6.3
	RI-MW-04_20220330		5
	RI-MW-X_20220330		6.2
Iron	RI-MW-02_20220330	300	630
	RI-MW-03_20220330		334
	RI-MW-X_20220330		305
Magnesium	RI-MW-02_20220330	35,000	49,600
	RI-MW-04_20220330		49,500
Manganese	RI-MW-02_20220330	300	1,360
	RI-MW-03_20220330		2,670
	RI-MW-04_20220330		1,550
	RI-MW-X_20220330		2,640
Selenium	RI-MW-03_20220330	10	10.5
	RI-MW-X_20220330		10.7
Sodium	RI-MW-02_20220330	20,000	72,600
	RI-MW-03_20220330		46,900
	RI-MW-04_20220330		53,100
	RI-MW-X_20220330		45,600

Notes:
µg/L = micrograms per liter
RI-MW-X_20220330 is a blind duplicate of sample RI-MW-03_20220330.

Groundwater analytical results for total (unfiltered) metals are presented in Table 10.

Dissolved (Filtered) Metals

Twelve (out of the 23 analyzed) metals were detected each of the samples analyzed, ranging from estimated trace concentrations to a maximum of 68,900 µg/L (for sodium in RI-MW-02_20220330). Six metals (antimony, iron, magnesium, manganese, selenium, and sodium) were detected in one or more of the dissolved groundwater samples at concentrations above the AWQSGVs.

Table N summarizes dissolved (filtered) groundwater sample concentrations above AWQSGVs.

Table N
Dissolved (Filtered) Metals Concentrations in Groundwater Samples Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Result (µg/L)
Antimony	RI-MW-02_20220330	3	5.4
	RI-MW-03_20220330		5.9
	RI-MW-04_20220330		4.5
	RI-MW-X_20220330		6.2
Iron	RI-MW-02_20220330	300	393
Magnesium	RI-MW-02_20220330	35,000	47,300
	RI-MW-04_20220330		47,100
Manganese	RI-MW-02_20220330	300	1,290
	RI-MW-03_20220330		2,560
	RI-MW-04_20220330		1,520
	RI-MW-X_20220330		2,620
Selenium	RI-MW-03_20220330	10	11
	RI-MW-X_20220330		10.3
Sodium	RI-MW-02_20220330	20,000	68,900
	RI-MW-03_20220330		43,900
	RI-MW-04_20220330		50,200
	RI-MW-X_20220330		44,500

Notes:
µg/L = micrograms per liter
RI-MW-X_20220330 is a blind duplicate of sample RI-MW-03_20220330

Groundwater analytical results for dissolved (filtered) metals are presented in Table 11.

5.3.4 Pesticides and Polychlorinated Biphenyls (PCBs) in Groundwater

No pesticides or PCBs were detected in the groundwater samples analyzed.

Groundwater analytical results for PCBs are presented in Table 12 and pesticides results are presented in Table 13.

5.3.5 Per- and Polyfluoroalkyl Substances (PFAS) and 1,4-Dioxane in Groundwater

PFAS were detected in the groundwater sample collected from each of the samples analyzed. PFOS was detected in sample RI-MW-02_20220330 at a concentration of 16.5 nanograms per liter (ng/L) above its Screening Level of 10 ng/L, and PFOA was detected in each of the samples at concentrations ranging between 12.2 ng/L and 32.7 ng/L, above its Screening Level of 10 ng/L.

Table O summarizes total PFOS and PFOA concentrations above NYSDEC's June 2021 Screening Levels in groundwater samples.

Table O
Total PFOA and PFOS Concentrations in Groundwater Samples Above the NYSDEC PFAS Screening Levels

Analyte	Sample Identification	NYSDEC PFAS Screening Level (ng/L)	Concentration (ng/L)
Perfluorooctanesulfonic acid (PFOS)	RI-MW-02_20220330	10	16.5
Perfluorooctanoic acid (PFOA)	RI-MW-02_20220330	10	32.7
	RI-MW-03_20220330		17.7
	RI-MW-X_20220330		18.4
	RI-MW-04_20220330		12.2
Note: ng/L = nanograms per liter			

The compound 1,4-dioxane was not detected in the groundwater samples collected.

Groundwater analytical results for PFAS are presented in Table 14. Groundwater analytical results for 1,4-dioxane are presented in Table 9.

5.4 Soil Vapor Chemistry

Thirty-two of the 62 VOCs analyzed were detected in one or more soil vapor samples. Petroleum-related VOCs including benzene, toluene, ethylbenzene, xylenes (collectively referred to as "BTEX"), 1,3-butadiene, ethanol, isopropanol, tert-butyl alcohol (TBA), n-hexane, cyclohexane, heptane, 2-hexanone, 1,3,5-Trimethylbenzene, 1,2,4-trimethlybenzene, 2,2,4-trimethylpentane, and 1,4-dichlorobenzene were detected in one or more samples at concentrations up to 234 micrograms per cubic meter ($\mu g/m^3$) (n-hexane in sample RI-SV-04_20220329). The greatest concentrations of BTEX were detected in samples RI-SV-03_20220329, RI-SV-10_20220329, and RI-SV-11_20220329 collected from the northeastern and southern portions of the Site, respectively. Chlorinated solvent-related VOCs including TCE, PCE, 1,1-dichloroethane, 1,1,1-trichloroethane, trichloroethene, cis-1,2-dichloroethene, and methylene chloride were detected in one or more soil vapor samples at concentrations up to 37,000 $\mu g/m^3$ (PCE in sample RI-SV-10_20220329 collected from the southwestern corner of the Site). Soil vapor samples RI-SV-02 through RI-SV-05 were collected from approximately 6-inches below the former building's cellar slab. All other soil vapor samples were collected from a depth of approximately 15 feet below grade.

Additionally, methyl ethyl ketone (MEK), a solvent commonly used in adhesives and printing inks, was detected in 11 of the 12 samples at concentrations ranging between 4.48 $\mu g/m^3$ and 34.5 $\mu g/m^3$, and trichlorofluoromethane, a chlorofluorocarbon (CFC) commonly used as a refrigerant and a foaming or blowing agent, was detected in 9 of the 12 samples with concentrations ranging between 2.19 $\mu g/m^3$ and 33.8 $\mu g/m^3$.

Soil vapor sample analytical results are included in Table 15. Soil vapor concentrations are shown on Figure 9. Table P shows the soil vapor detections.

Table P
Soil Vapor Detections

Analyte	Sample Identification	Result ($\mu g/m^3$)
1,1,1-Trichloroethane	RI-SV-01_20220329	2.49
	RI-SV-02_20220329	900
	RI-SV-04_20220329	12.5
	RI-SV-05_20220329	53.1
1,1-Dichloroethane	RI-SV-02_20220329	35.8
1,2,4-Trimethylbenzene	RI-SV-01_20220329	10.7
	RI-SV-02_20220329	60.5
	RI-SV-03_20220329	9.24
	RI-SV-04_20220329	57.5
	RI-SV-05_20220329	57.5
	RI-SV-06_20220329	12.4
	RI-SV-07_20220329	8.8
	RI-SV-08_20220329	7.92
	RI-SV-09_20220329	4
	RI-SV-11_20220329	5.8
	RI-SV-12_20220329	7.72
1,3,5-Trimethylbenzene (Mesitylene)	RI-SV-01_20220329	3.5
	RI-SV-02_20220329	15.9
	RI-SV-04_20220329	14.6
	RI-SV-05_20220329	14.1
	RI-SV-06_20220329	3.92
	RI-SV-07_20220329	2.88
	RI-SV-08_20220329	2.24
	RI-SV-12_20220329	2.35
1,3-Butadiene	RI-SV-01_20220329	15.2
	RI-SV-03_20220329	2.43
	RI-SV-06_20220329	3.12
	RI-SV-07_20220329	1.25
	RI-SV-08_20220329	0.571
	RI-SV-11_20220329	14.2
	RI-SV-12_20220329	0.715
1,4-Dichlorobenzene	RI-SV-04_20220329	2.39
2,2,4-Trimethylpentane	RI-SV-01_20220329	41.8
	RI-SV-02_20220329	4.27
	RI-SV-03_20220329	67.7
	RI-SV-04_20220329	2.99
	RI-SV-05_20220329	1.85
	RI-SV-07_20220329	1.37
	RI-SV-09_20220329	5.37
	RI-SV-12_20220329	1.95
2-Hexanone	RI-SV-06_20220329	7.58
	RI-SV-07_20220329	5.29
	RI-SV-08_20220329	2.97
	RI-SV-12_20220329	5.9

Analyte	Sample Identification	Result ($\mu g/m^3$)
4-Ethyltoluene	RI-SV-01_20220329	2.85
	RI-SV-02_20220329	11.5
	RI-SV-04_20220329	12
	RI-SV-05_20220329	11.5
	RI-SV-06_20220329	2.67
	RI-SV-07_20220329	2
	RI-SV-08_20220329	1.63
	RI-SV-12_20220329	1.72
Acetone	RI-AA_20220329	2.66
	RI-SV-01_20220329	295
	RI-SV-02_20220329	86
	RI-SV-03_20220329	770
	RI-SV-04_20220329	185
	RI-SV-05_20220329	181
	RI-SV-06_20220329	466
	RI-SV-07_20220329	349
	RI-SV-08_20220329	314
	RI-SV-09_20220329	413
	RI-SV-10_20220329	309
	RI-SV-11_20220329	549
	RI-SV-12_20220329	706
Benzene	RI-AA_20220329	0.821
	RI-SV-01_20220329	7.89
	RI-SV-02_20220329	6.96
	RI-SV-03_20220329	7.48
	RI-SV-04_20220329	6.49
	RI-SV-05_20220329	4.73
	RI-SV-06_20220329	4.06
	RI-SV-07_20220329	2.27
	RI-SV-08_20220329	1.58
	RI-SV-09_20220329	2.4
	RI-SV-11_20220329	28.9
	RI-SV-12_20220329	4.92
Carbon Disulfide	RI-SV-01_20220329	8.72
	RI-SV-02_20220329	4.86
	RI-SV-03_20220329	11.3
	RI-SV-04_20220329	1.77
	RI-SV-05_20220329	1.52
	RI-SV-06_20220329	5.42
	RI-SV-07_20220329	4.61
	RI-SV-08_20220329	4.27
	RI-SV-11_20220329	125
	RI-SV-12_20220329	1.99

Analyte	Sample Identification	Result ($\mu g/m^3$)
Chloroform	RI-SV-01_20220329	2.4
	RI-SV-02_20220329	68.4
	RI-SV-03_20220329	12.2
	RI-SV-04_20220329	5.03
	RI-SV-06_20220329	9.91
	RI-SV-08_20220329	18.1
Chloromethane	RI-AA_20220329	1.52
	RI-SV-01_20220329	1.85
	RI-SV-04_20220329	0.498
	RI-SV-06_20220329	0.56
	RI-SV-08_20220329	0.964
	RI-SV-11_20220329	2.52
	RI-SV-12_20220329	0.626
Cis-1,2-Dichloroethylene	RI-SV-11_20220329	5.51
Cyclohexane	RI-SV-01_20220329	3.86
	RI-SV-02_20220329	5.13
	RI-SV-03_20220329	20.9
	RI-SV-04_20220329	22.7
	RI-SV-05_20220329	2.11
	RI-SV-06_20220329	2.49
	RI-SV-07_20220329	0.957
	RI-SV-09_20220329	4.3
	RI-SV-11_20220329	5.82
	RI-SV-12_20220329	1.3
Dichlorodifluoromethane	RI-AA_20220329	2.89
	RI-SV-01_20220329	4.94
	RI-SV-02_20220329	33.8
	RI-SV-04_20220329	20.7
	RI-SV-05_20220329	25.9
	RI-SV-06_20220329	2.19
	RI-SV-07_20220329	2.41
	RI-SV-08_20220329	2.33
	RI-SV-12_20220329	2.47
Ethanol	RI-SV-04_20220329	24.1
	RI-SV-05_20220329	35.2
Ethylbenzene	RI-SV-01_20220329	10.8
	RI-SV-02_20220329	20.2
	RI-SV-03_20220329	53
	RI-SV-04_20220329	20.2
	RI-SV-05_20220329	15.3
	RI-SV-06_20220329	9.95
	RI-SV-07_20220329	6.56
	RI-SV-08_20220329	4.95
	RI-SV-09_20220329	21.1
	RI-SV-11_20220329	13.7
	RI-SV-12_20220329	5.95

Analyte	Sample Identification	Result ($\mu g/m^3$)
Isopropanol	RI-SV-01_20220329	4.28
	RI-SV-04_20220329	3.07
	RI-SV-05_20220329	2.14
	RI-SV-06_20220329	3.07
	RI-SV-07_20220329	1.52
	RI-SV-08_20220329	1.5
	RI-SV-12_20220329	2.34
M,P-Xylenes	RI-SV-01_20220329	33.1
	RI-SV-02_20220329	92.5
	RI-SV-03_20220329	142
	RI-SV-04_20220329	86
	RI-SV-05_20220329	69.1
	RI-SV-06_20220329	36.5
	RI-SV-07_20220329	25.8
	RI-SV-08_20220329	21.2
	RI-SV-09_20220329	52.1
	RI-SV-11_20220329	36.8
	RI-SV-12_20220329	22.9
Methyl Ethyl Ketone (2-Butanone)	RI-SV-01_20220329	19.3
	RI-SV-02_20220329	4.48
	RI-SV-03_20220329	34.5
	RI-SV-04_20220329	5.78
	RI-SV-05_20220329	10.9
	RI-SV-06_20220329	29.5
	RI-SV-07_20220329	14.8
	RI-SV-08_20220329	13.4
	RI-SV-09_20220329	12.4
	RI-SV-11_20220329	21
	RI-SV-12_20220329	25
Methylene Chloride	RI-SV-03_20220329	9.1
N-Heptane	RI-SV-01_20220329	45.9
	RI-SV-02_20220329	10.8
	RI-SV-03_20220329	79.1
	RI-SV-04_20220329	12.2
	RI-SV-05_20220329	7.01
	RI-SV-06_20220329	13.9
	RI-SV-07_20220329	5.82
	RI-SV-08_20220329	2.51
	RI-SV-09_20220329	15
	RI-SV-11_20220329	19.8
	RI-SV-12_20220329	6.31

Analyte	Sample Identification	Result ($\mu g/m^3$)
N-Hexane	RI-SV-01_20220329	18.5
	RI-SV-02_20220329	60.6
	RI-SV-03_20220329	13.9
	RI-SV-04_20220329	234
	RI-SV-05_20220329	16.6
	RI-SV-06_20220329	14
	RI-SV-07_20220329	3.12
	RI-SV-08_20220329	1.58
	RI-SV-09_20220329	10.1
	RI-SV-11_20220329	22.9
	RI-SV-12_20220329	3.7
O-Xylene (1,2-Dimethylbenzene)	RI-SV-01_20220329	13.3
	RI-SV-02_20220329	38.5
	RI-SV-03_20220329	88.6
	RI-SV-04_20220329	36.3
	RI-SV-05_20220329	28.9
	RI-SV-06_20220329	14.5
	RI-SV-07_20220329	10.5
	RI-SV-08_20220329	8.3
	RI-SV-09_20220329	34
	RI-SV-11_20220329	13.4
	RI-SV-12_20220329	9.21
Tert-Butyl Alcohol	RI-SV-06_20220329	2.32
	RI-SV-12_20220329	2.57
Tetrachloroethylene (PCE)	RI-SV-01_20220329	3.78
	RI-SV-02_20220329	27.8
	RI-SV-04_20220329	4.44
	RI-SV-05_20220329	5.33
	RI-SV-07_20220329	27.1
	RI-SV-10_20220329	37,000
	RI-SV-11_20220329	262
	RI-SV-12_20220329	1.44
Tetrahydrofuran	RI-SV-04_20220329	1.57
	RI-SV-07_20220329	1.79
Toluene	RI-AA_20220329	1.08
	RI-SV-01_20220329	21.9
	RI-SV-02_20220329	38.4
	RI-SV-03_20220329	56.5
	RI-SV-04_20220329	48.6
	RI-SV-05_20220329	35.8
	RI-SV-06_20220329	21
	RI-SV-07_20220329	14.9
	RI-SV-08_20220329	8.97
	RI-SV-09_20220329	11
	RI-SV-11_20220329	21.4
	RI-SV-12_20220329	15.4

Analyte	Sample Identification	Result ($\mu g/m^3$)
Trichloroethylene (TCE)	RI-SV-05_20220329	4
	RI-SV-10_20220329	377
	RI-SV-11_20220329	9.51
	RI-SV-12_20220329	1.95
Trichlorofluoromethane	RI-AA_20220329	1.48
	RI-SV-01_20220329	4.3
	RI-SV-04_20220329	1.83
	RI-SV-05_20220329	3.03
	RI-SV-06_20220329	1.43
	RI-SV-12_20220329	1.21

Note:
$\mu g/m^3$ = micrograms per cubic meter

6.0 QUALITATIVE HUMAN HEALTH EXPOSURE ASSESSMENT (QHHEA)

The objective of the QHHEA is to identify potential receptors and pathways for human exposure to the contaminants of concern (COC) that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the COC takes to travel from the source to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur.

The QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI and the SI were evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This QHHEA was prepared in accordance with Appendix 3B and Section 3.3 (c) 4 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation.

6.1 Contaminants of Concern (COCs) in Respective Media

Based on the results of the previous SI and this RI, the COCs are as follows.

Soil

The PAHs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, indeno(1,2,3-c,d)pyrene, and 4-methylphenol, as well as select metals (arsenic, barium, cadmium, copper, hexavalent chromium, nickel, lead, mercury, nickel, selenium, silver, and zinc), pesticides (4,4'-DDE, 4,4'-DDD, 4,4'-DDT) were detected above RRSCOs and/or UUSCOs in one or more samples.

Groundwater

The VOCs PCE and chloroform, as well as the metals antimony (dissolved), iron (dissolved), manganese (total and dissolved), selenium (dissolved), sodium (total), and silver (dissolved), were detected above AWQSGVs in one or more samples. PFAS were detected above the Screening Levels in one or more samples.

Soil Vapor

The VOCs TCE, 1,1,1-TCA, PCE, and BTEX.

6.2 Conceptual Model of Site Contamination

The affected media for the existing or potential releases at the Site include soil, groundwater, and soil vapor. Based on an evaluation of the data and information in this RI and the previous SI, the Site is contaminated with: PAHs, pesticides, and metals in soil/fill; Chlorinated solvent-related VOCs and metals in groundwater, and chlorinated solvent-related and petroleum-related VOCs in soil vapor. metals in groundwater are likely related to regional groundwater conditions and not an on-site release. Elevated PCE concentrations in the soil vapor samples collected from the southwestern portion of the Site are attributable to an off-site soil vapor source. Based on the review of the Department of Buildings (DOB) Certificate of Occupancy (CO) dated February 27, 1989, the first floor of the adjacent property (Block 1309, Lot 1) historically operated as a "dry cleaning store", and additionally, multiple historic dry cleaners operated to the west of the Site across Nostrand Avenue. No significantly elevated concentrations of PCE were noted in the soil samples collected from across the Site.

Elevated metal concentrations in groundwater are likely related to regional groundwater conditions and not an on-site release.

The elevated concentrations of PAHs, pesticides, PCBs, and metals in soil/fill were detected in both shallow and deeper samples, and the elevated concentrations appear to be related to historic on-site operations and fill materials (sand, gravel, and silt with varying amounts of concrete, brick, wood, ash, and asphalt), which were observed in the soil borings. The CVOCs detected in groundwater samples are likely attributed to the general groundwater quality in the area.

Based on the SI and RI data and the Site topography, it is not likely that contaminants in soil and groundwater are migrating off-site. However, there is a potential for off-site migration of contaminants detected in soil vapor at select locations.

6.3 Potential Routes of Exposure

The five elements of an exposure pathway are:

1. The source of contamination;
2. The environmental media and transport mechanisms;
3. The point of exposure;
4. The route of exposure; and
5. The receptor population.

The elements of an exposure pathway may be based on past, present, or future events. An exposure pathway is considered complete when all five elements of an exposure pathway are documented. A potential exposure pathway exists when any one or more of the five elements comprising an exposure pathway cannot be documented. An exposure pathway may be eliminated from further evaluation when any one of the five elements comprising an exposure pathway has not existed in the past, does not exist in the present, and will never exist in the future.

6.4 Exposure Route

An exposure route is the mechanism by which a receptor comes into contact with a chemical. Three potential primary routes exist by which chemicals can enter the body:

- Ingestion of water, fill, and/or soil;
- Dermal contact with water, fill, soil, and/or building materials; and
- Inhalation of vapors and/or particulates.

6.5 Potential Receptors

The existing building at the Site was recently demolished (Spring 2022). The area immediately surrounding the Site is predominantly commercial and residential in nature. The anticipated future use of the Site is residential and commercial.

On-site Receptors: During redevelopment of the Site, the on-site potential receptors will include construction workers and inspectors and potential trespassers. Once the Site is redeveloped, the on-site potential receptors will include residents, employees, vendors, and inspectors.

Off-site Receptors: Potential off-site receptors within a 0.25-mile radius of the Site include adult and child residents, commercial and construction workers, pedestrians, and cyclists, based on the following:

1. Commercial Businesses – existing and future
2. Residential Buildings – existing and future

3. Building Construction/Renovation – existing and future
4. Pedestrians, Cyclists – existing and future
5. Schools and Senior Centers – existing and future

6.6 Existence of Human Health Exposure Pathways

This evaluation consists of the following components: contaminant source, contaminant release and transport mechanism, point of exposure, route of exposure, and receptor population.

The Site is currently vacant. The Site is cappedwith a concrete building slab and asphalt-paved parking lot, which are in good to fair condition; however, with no Site building occupants, inhalation of contaminants via soil vapor intrusion is nota concern. Also, groundwater is not used for drinking or other potable purposes in Brooklyn, and the Site is served by a public water supply that is not affected by Site contamination. Therefore, noexposure pathways from contaminants currently exist at the Site.

Once redevelopment activities begin, there will be a potential exposure pathway from construction workers and inspectors coming into direct contact with surface and subsurface soil and fill, and contaminated groundwater if dewatering is needed to support remediation and/or redevelopment. In addition, on-site construction workers could potentially ingest or inhale particulates from any exposed contaminated soil and fill. Similarly, off-site receptors could be exposed to particulates from on-site activities.

Once the redevelopment of the Site has been completed (assuming no remediation), there could be a potential exposure pathway from the potential off-gassing of residual contaminants in groundwater and soil vapor through cracks or openings in the foundation of the new building; however, it is unlikely that a new building foundation would have significant cracks and/or openings that would allow for the accumulation of vapors within the building.

6.7 Overall Human Health Exposure Assessment

The Site is currently vacant. The majority of the Site is capped with either a concrete building slab or asphalt-paved parking lot, which are in good to fair condition; however, with no Site building occupants, inhalation of contaminants via soil vapor intrusion is not a concern. Once redevelopment activities begin, there will be a potentialexposure pathway from contaminated surface soil/fill to construction workers, as these workers could potentially ingest, inhale, or have dermal contact with any exposed contaminated fill or soil;however, this will be mitigated with proper implementation of a Community Air Monitoring Plan(CAMP) that will prevent migration of particulates and VOCs, and a HASP that will dictate safe practices, including the wearing of personal protective equipment.

Without remediation, once redevelopment of the Site has been completed, there could be a potential exposure pathway from the potential off-gassing of residual VOCs in the groundwater and soil vapor through cracks or openings in the foundation; however, it is unlikely that a new building foundation would have significant cracks and/or openings that would allow for the accumulation of vapors within the building.

Based on the results of the QHHEA, a NYSDEC-approved Remedial Action Work Plan (RAWP), which includes a HASP to protect on-site workers, should be implemented during the Remedial Action and construction of the proposed Site building to ensure that the potential exposure pathways identified do not become complete. The RAWP should address the contaminated soil/fill, soil vapor, and groundwater at the Site, and the installation/implementation of certain engineering and/or institutional controls (ECs and/or ICs, respectively).

6.8 Fish and Wildlife Impact Analysis

The Site was assessed against the Fish and Wildlife Resources Impact Analysis (FWRIA) Decision Key located within DER-10, Appendix 3C to determine if an FWRIA was required. It was determined that an FWRIA was not required.

7.0 CONCLUSIONS

This RIR summarizes the investigation work performed at the Site between March 23 and April 4, 2022. The goal of the RI was to determine the horizontal and vertical extent of contamination at the Site and to aid in the design of the remedy. The RI was conducted in general accordance with NYSDEC DER-10 Technical Guidance for Site Assessment and Remediation, and AKRF's February 2022 NYSDEC-approved RIWP.

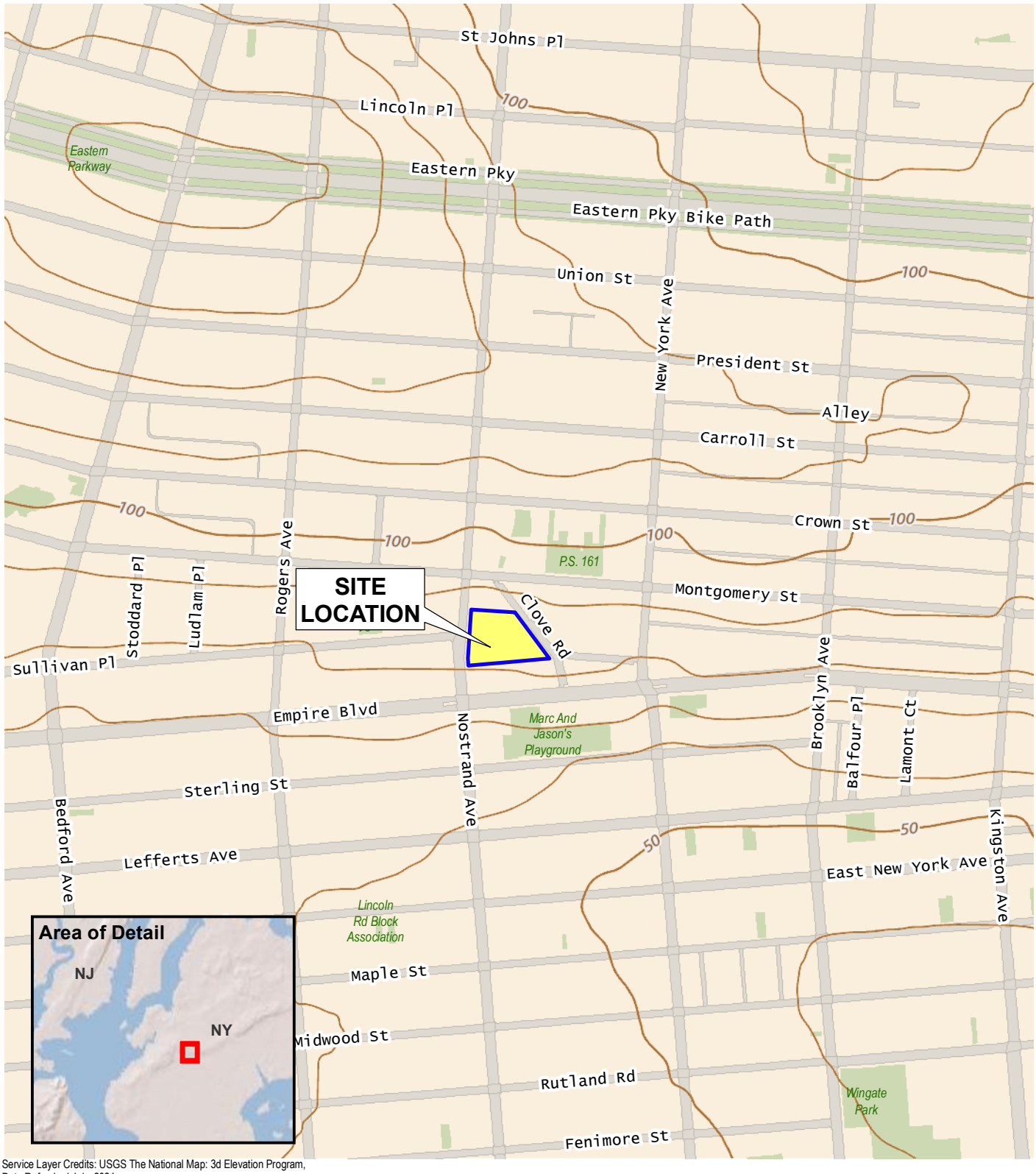
Based on the RI results and the results of the Limited Subsurface Investigation (SI) documented in a Letter Report dated September 2021, the nature and extent of contaminated soil, groundwater, and soil vapor present at the Site has been determined. The primary COCs at the Site include: PAHs (a class of SVOCs), pesticides, and metals in soil/fill above RRSCOs and/or UUSCOs; chlorinated VOCs in groundwater; and chlorinated solvent-related and petroleum-related VOCs in soil vapor.

The RI and SI documented fill Site-wide from surface grade down to approximately 15 feet below grade. Elevated concentrations of PAHs, pesticides, and metals were noted in the samples collected from surface to 15 feet below grade. However, no field evidence of gross contamination (e.g. odors, staining, and elevated PID readings) was observed in any of the soil borings across the Site. No evidence of non-aqueous phase liquid (NAPL) was identified during the SI or the RI.

The chlorinated VOC, PCE, was detected above the AWQSGVs in the groundwater samples collected across the Site, and the associated blind duplicate sample at concentrations ranging between 5.3 µg/L and 17 µg/L, above its AWQSGV of 5.0 µg/L. The metals, antimony (total and dissolved), magnesium (total and dissolved), iron (total and dissolved), manganese (total and dissolved), selenium (total and dissolved), and sodium (total and dissolved), were detected above AWQSGVs in one or more samples. The elevated CVOC and metal concentrations in groundwater are most likely related to regional groundwater quality.

The CVOCs PCE and TCE were detected at elevated concentrations in the soil vapor samples collected from the southwestern portion of the Site (PCE was detected at 37,000 µg/m^3 in one sample) in the same vicinity as the elevated concentration of PCE in soil (10 mg/kg). The elevated concentrations are likely related to off-site soil vapor source(s) based on their proximity to the historic dry cleaning store located on the south-adjacent property; and multipledry cleaners located directly west of the Site across Nostrand Avenue; however, some impacts could also be attributed to former on-site historic uses (which included a hand laundry facility).

FIGURES



Service Layer Credits: USGS The National Map: 3d Elevation Program, Data Refreshed July, 2021

0 600 1,200

SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

975 Nostrand Avenue
Brooklyn, New York

SITE LOCATION

DATE
4/29/2022

PROJECT NO.
210225

FIGURE
1

LEGEND

- PROJECT SITE BOUNDARY
- 6 — LOT BOUNDARY AND TAX LOT NUMBER
- 1309 — BLOCK NUMBER
- BUILDING
- PREVIOUS SOIL BORING (EBI CONSULTING, 2020)
- PREVIOUS SOIL BORING/SOIL VAPOR POINT (EBI CONSULTING, 2020)
- EXISTING MONITORING WELL
- SOIL BORING LOCATION (AKRF, 2021)
- RI SOIL BORINGS
- RI SOIL BORING/MONITORING WELL
- RI SOIL BORING/SOIL VAPOR POINT
- RI SOIL VAPOR POINT
- RI AMBIENT AIR SAMPLING LOCATION

0 25 50 100

SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

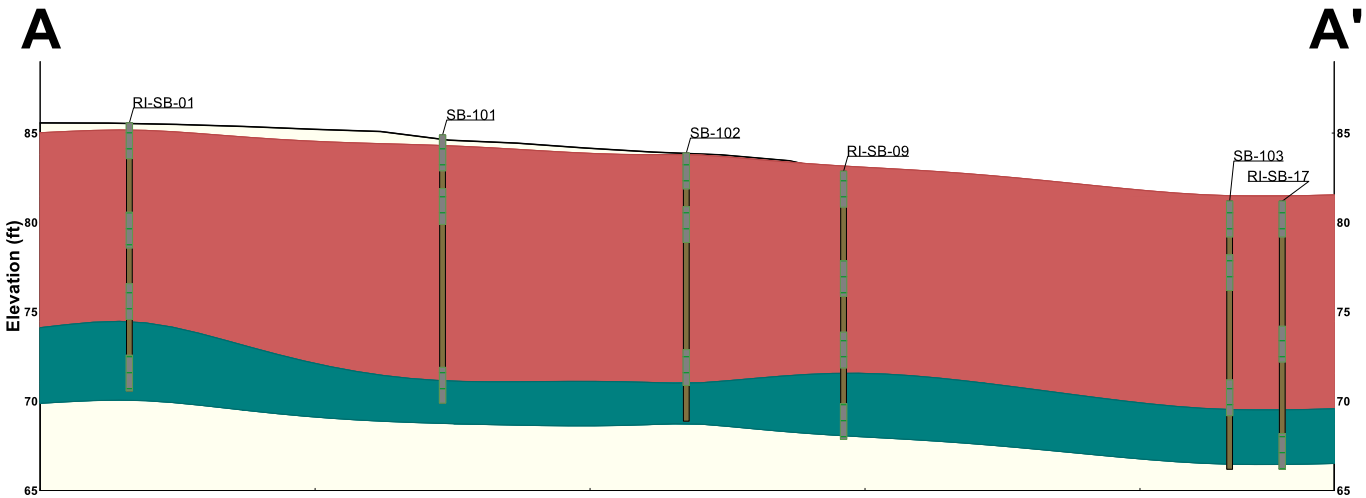
975 Nostrand Avenue
Brooklyn, New York

BCP SITE PLAN AND SAMPLE LOCATION PLAN

DATE
4/29/2022

PROJECT NO.
210225

FIGURE
2



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AKRF
440 Park Avenue South, New York, NY 10016

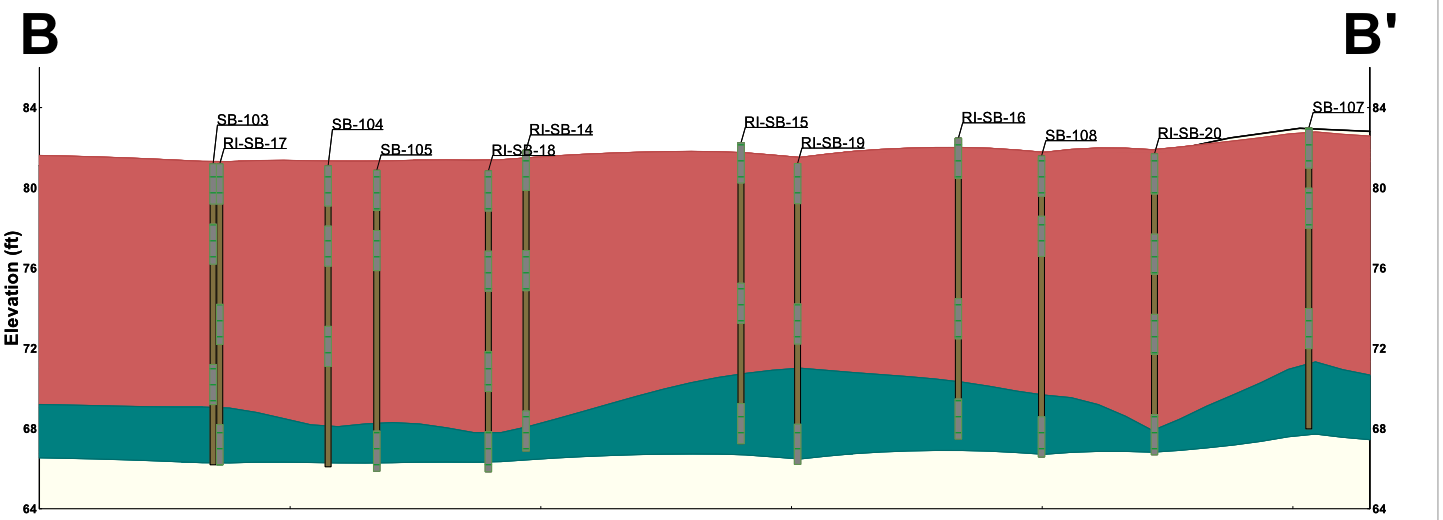
975 Nostrand Avenue
New York, NY

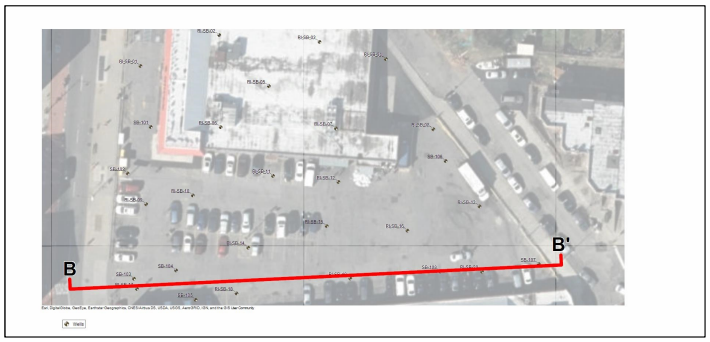
Lithological Cross Section - North/South

Date
04/11/2022

Project No.
210225

Figure
3





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975 Nostrand Avenue
New York, NY

Lithological Cross Section - East/West

Date
04/11/2022

Project No.
210225

Figure
4

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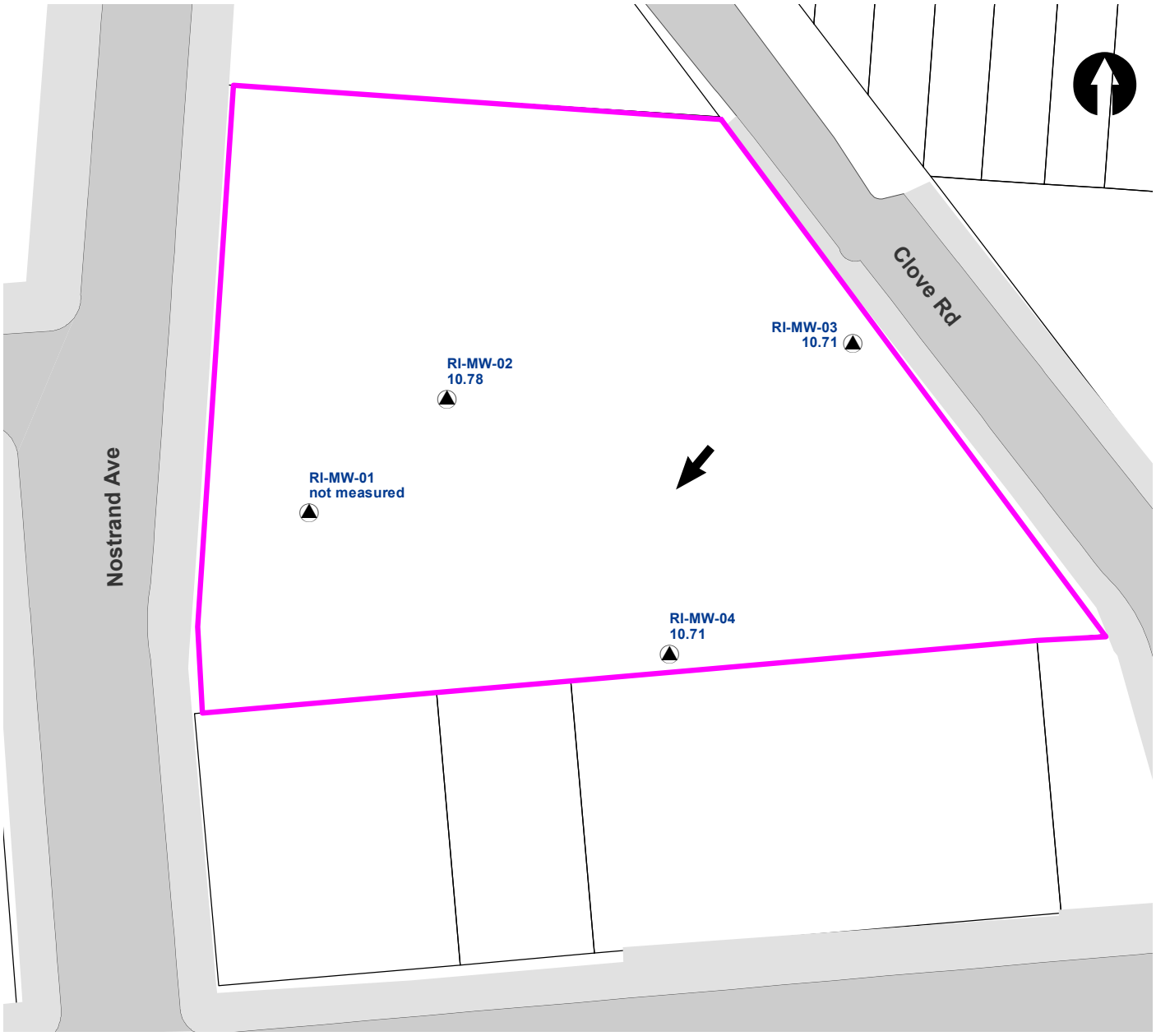


LEGEND

- PROJECT SITE BOUNDARY
- LOT BOUNDARY
- MONITORING WELL ID WITH ELEVATION IN FEET
- GROUNDWATER FLOW DIRECTION

Well ID	Groundwater Elevation (ft.)
RI-MW-01	not measured
RI-MW-02	10.78
RI-MW-03	10.71
RI-MW-04	10.71

0 50 100

SCALE IN FEET

Datum: North American Vertical Datum of 1988
Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database

AKRF
440 Park Avenue South, New York, NY 10016

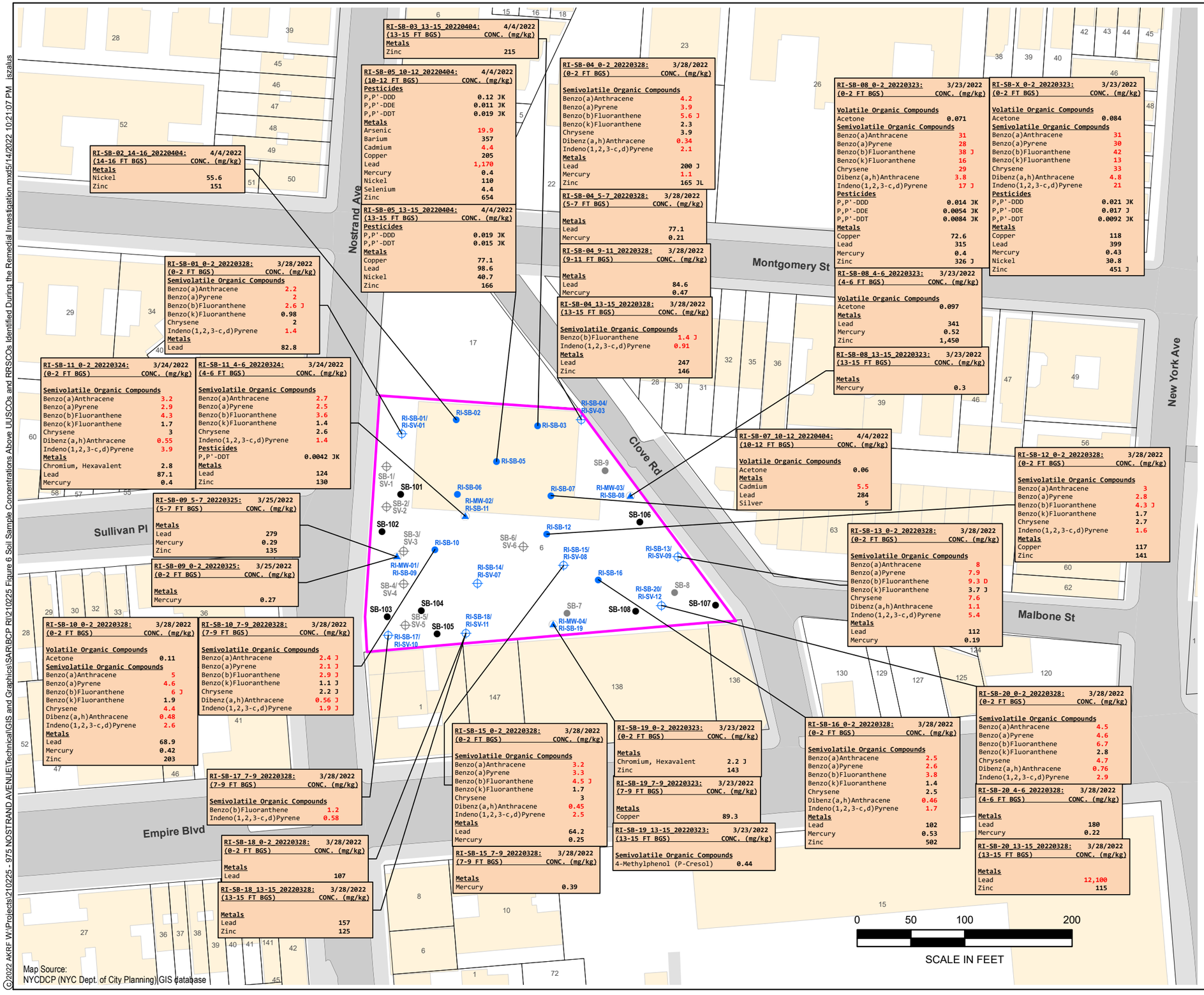
975 Nostrand Avenue
Brooklyn, New York

GROUNDWATER ELEVATION MAP

DATE
5/3/2022

PROJECT NO.
210225

FIGURE
5



LEGEND

- PROJECT SITE BOUNDARY
- LOT BOUNDARY AND TAX LOT NUMBER
- 6 BUILDING
- PREVIOUS SOIL BORING (EBI CONSULTING, 2020)
- PREVIOUS SOIL BORING/SOIL VAPOR POINT (EBI CONSULTING, 2020)
- SOIL BORING LOCATION (AKRF, 2021)
- RI SOIL BORING
- RI SOIL BORING/MONITORING WELL
- RI SOIL BORING/SOIL VAPOR POINT

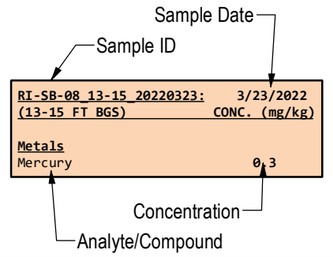
Part 375 Soil Cleanup Objectives (SCOs): SCOs listed in the New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations (6 NYCRR Part 375).

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.
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.
L: Sample result is estimated and biased low.
K: Reported concentration value is proportional to dilution factor and may be exaggerated
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.

	PART 375 RESTRICTED RESIDENTIAL mg/kg	PART 375 UNRESTRICTED mg/kg
Volatile Organic Compounds		
Acetone	100	0.05
Semivolatile Organic Compounds		
4-Methylphenol (P-Cresol)	100	0.33
Benzo(a)Anthracene	1	1
Benzo(a)Pyrene	1	1
Benzo(b)Fluoranthene	1	1
Benzo(k)Fluoranthene	3.9	0.8
Chrysene	3.9	1
Dibenz(a,h)Anthracene	0.33	0.33
Indeno(1,2,3-c,d)Pyrene	0.5	0.5
Metals		
Chromium, Hexavalent	110	1
Copper	270	50
Lead	400	63
Mercury	0.81	0.18
Nickel	310	30
Selenium	36	3.9
Zinc	10,000	109
Pesticides		
P,P'-DDD	13	0.0033
P,P'-DDE	8.9	0.0033
P,P'-DDT	7.9	0.0033



AKRF
440 Park Avenue South, New York, NY 10016

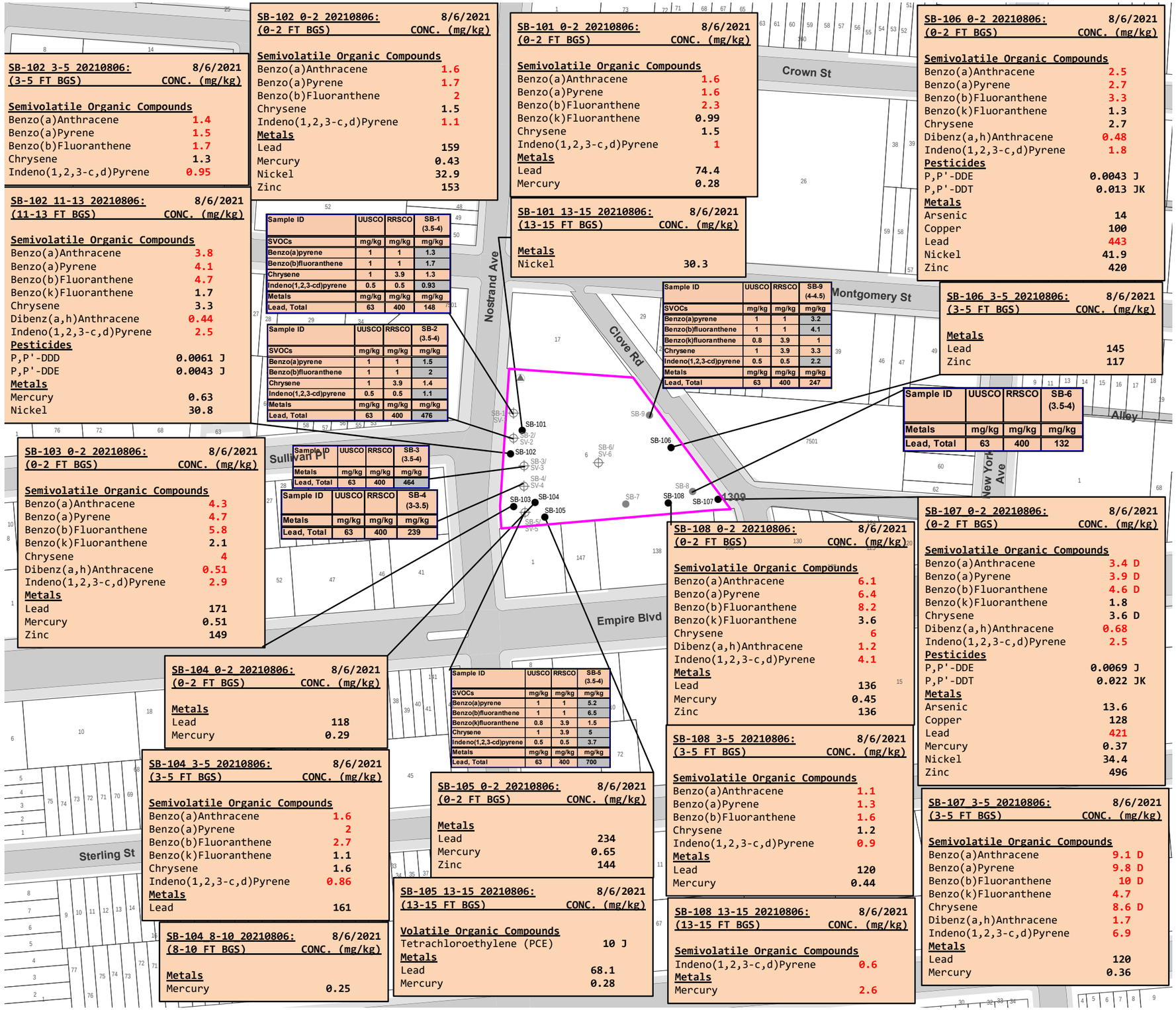
975 Nostrand Avenue
Brooklyn, New York

Soil Sample Concentrations Above UUSCOs and RRSCOs Identified During the Remedial Investigation

DATE
5/16/2022

PROJECT NO.
210225

FIGURE
6



SB-102 3-5 20210806: (3-5 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Benzo(a)Anthracene	1.4
Benzo(a)Pyrene	1.5
Benzo(b)Fluoranthene	1.7
Chrysene	1.3
Indeno(1,2,3-c,d)Pyrene	0.95

SB-102 11-13 20210806: (11-13 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Benzo(a)Anthracene	3.8
Benzo(a)Pyrene	4.1
Benzo(b)Fluoranthene	4.7
Benzo(k)Fluoranthene	1.7
Chrysene	3.3
Dibenz(a,h)Anthracene	0.44
Indeno(1,2,3-c,d)Pyrene	2.5
Pesticides	
P,P'-DDD	0.0061 J
P,P'-DDE	0.0043 J
Metals	
Mercury	0.63
Nickel	30.8

SB-103 0-2 20210806: (0-2 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Benzo(a)Anthracene	4.3
Benzo(a)Pyrene	4.7
Benzo(b)Fluoranthene	5.8
Benzo(k)Fluoranthene	2.1
Chrysene	4
Dibenz(a,h)Anthracene	0.51
Indeno(1,2,3-c,d)Pyrene	2.9
Metals	
Lead	171
Mercury	0.51
Zinc	149

SB-102 0-2 20210806: (0-2 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Benzo(a)Anthracene	1.6
Benzo(a)Pyrene	1.7
Benzo(b)Fluoranthene	2
Chrysene	1.5
Indeno(1,2,3-c,d)Pyrene	1.1
Metals	
Lead	159
Mercury	0.43
Nickel	32.9
Zinc	153

Sample ID	UUSCO	RRSCO	SB-1 (3.5-4)
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(a)pyrene	1	1	1.3
Benzo(b)fluoranthene	1	1	1.7
Chrysene	1	3.9	1.3
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.93
Metals	mg/kg	mg/kg	mg/kg
Lead, Total	63	400	148

Sample ID	UUSCO	RRSCO	SB-2 (3.5-4)
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(a)pyrene	1	1	1.5
Benzo(b)fluoranthene	1	1	2
Chrysene	1	3.9	1.4
Indeno(1,2,3-cd)pyrene	0.5	0.5	1.1
Metals	mg/kg	mg/kg	mg/kg
Lead, Total	63	400	476

Sample ID	UUSCO	RRSCO	SB-3 (3.5-4)
Metals	mg/kg	mg/kg	mg/kg
Lead, Total	63	400	464

Sample ID	UUSCO	RRSCO	SB-4 (3-3.5)
Metals	mg/kg	mg/kg	mg/kg
Lead, Total	63	400	239

SB-101 0-2 20210806: (0-2 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Benzo(a)Anthracene	1.6
Benzo(a)Pyrene	1.6
Benzo(b)Fluoranthene	2.3
Benzo(k)Fluoranthene	0.99
Chrysene	1.5
Indeno(1,2,3-c,d)Pyrene	1
Metals	
Lead	74.4
Mercury	0.28

SB-101 13-15 20210806: (13-15 FT BGS) 8/6/2021 CONC. (mg/kg)

Metals	
Nickel	30.3

Sample ID	UUSCO	RRSCO	SB-9 (4-4.5)
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(a)pyrene	1	1	3.2
Benzo(b)fluoranthene	1	1	4.1
Benzo(k)fluoranthene	0.8	3.9	1
Chrysene	1	3.9	3.3
Indeno(1,2,3-cd)pyrene	0.5	0.5	2.2
Metals	mg/kg	mg/kg	mg/kg
Lead, Total	63	400	247

SB-106 0-2 20210806: (0-2 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Benzo(a)Anthracene	2.5
Benzo(a)Pyrene	2.7
Benzo(b)Fluoranthene	3.3
Benzo(k)Fluoranthene	1.3
Chrysene	2.7
Dibenz(a,h)Anthracene	0.48
Indeno(1,2,3-c,d)Pyrene	1.8
Pesticides	
P,P'-DDE	0.0043 J
P,P'-DDT	0.013 JK
Metals	
Arsenic	14
Copper	100
Lead	443
Nickel	41.9
Zinc	420

SB-106 3-5 20210806: (3-5 FT BGS) 8/6/2021 CONC. (mg/kg)

Metals	
Lead	145
Zinc	117

Sample ID	UUSCO	RRSCO	SB-6 (3.5-4)
Metals	mg/kg	mg/kg	mg/kg
Lead, Total	63	400	132

SB-108 0-2 20210806: (0-2 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Benzo(a)Anthracene	6.1
Benzo(a)Pyrene	6.4
Benzo(b)Fluoranthene	8.2
Benzo(k)Fluoranthene	3.6
Chrysene	6
Dibenz(a,h)Anthracene	1.2
Indeno(1,2,3-c,d)Pyrene	4.1
Metals	
Lead	136
Mercury	0.45
Zinc	136

SB-108 3-5 20210806: (3-5 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Benzo(a)Anthracene	1.1
Benzo(a)Pyrene	1.3
Benzo(b)Fluoranthene	1.6
Chrysene	1.2
Indeno(1,2,3-c,d)Pyrene	0.9
Metals	
Lead	120
Mercury	0.44

SB-108 13-15 20210806: (13-15 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Indeno(1,2,3-c,d)Pyrene	0.6
Metals	
Mercury	2.6

SB-107 0-2 20210806: (0-2 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Benzo(a)Anthracene	3.4 D
Benzo(a)Pyrene	3.9 D
Benzo(b)Fluoranthene	4.6 D
Benzo(k)Fluoranthene	1.8
Chrysene	3.6 D
Dibenz(a,h)Anthracene	0.68
Indeno(1,2,3-c,d)Pyrene	2.5
Pesticides	
P,P'-DDE	0.0069 J
P,P'-DDT	0.022 JK
Metals	
Arsenic	13.6
Copper	128
Lead	421
Mercury	0.37
Nickel	34.4
Zinc	496

SB-107 3-5 20210806: (3-5 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Benzo(a)Anthracene	9.1 D
Benzo(a)Pyrene	9.8 D
Benzo(b)Fluoranthene	10 D
Benzo(k)Fluoranthene	4.7
Chrysene	8.6 D
Dibenz(a,h)Anthracene	1.7
Indeno(1,2,3-c,d)Pyrene	6.9
Metals	
Lead	120
Mercury	0.36

SB-104 0-2 20210806: (0-2 FT BGS) 8/6/2021 CONC. (mg/kg)

Metals	
Lead	118
Mercury	0.29

SB-104 3-5 20210806: (3-5 FT BGS) 8/6/2021 CONC. (mg/kg)

Semivolatile Organic Compounds	
Benzo(a)Anthracene	1.6
Benzo(a)Pyrene	2
Benzo(b)Fluoranthene	2.7
Benzo(k)Fluoranthene	1.1
Chrysene	1.6
Indeno(1,2,3-c,d)Pyrene	0.86
Metals	
Lead	161

SB-104 8-10 20210806: (8-10 FT BGS) 8/6/2021 CONC. (mg/kg)

Metals	
Mercury	0.25

Sample ID	UUSCO	RRSCO	SB-5 (3.5-4)
SVOCs	mg/kg	mg/kg	mg/kg
Benzo(a)pyrene	1	1	5.2
Benzo(b)fluoranthene	1	1	6.5
Benzo(k)fluoranthene	0.8	3.9	1.5
Chrysene	1	3.9	5
Indeno(1,2,3-cd)pyrene	0.5	0.5	3.7
Metals	mg/kg	mg/kg	mg/kg
Lead, Total	63	400	700

SB-105 0-2 20210806: (0-2 FT BGS) 8/6/2021 CONC. (mg/kg)

Metals	
Lead	234
Mercury	0.65
Zinc	144

SB-105 13-15 20210806: (13-15 FT BGS) 8/6/2021 CONC. (mg/kg)

Volatile Organic Compounds	
Tetrachloroethylene (PCE)	10 J
Metals	
Lead	68.1
Mercury	0.28

LEGEND

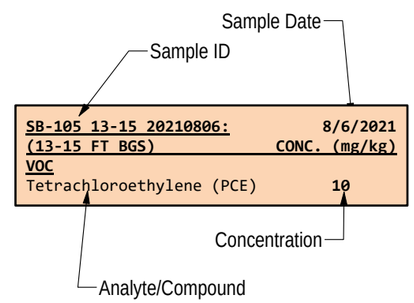
- PROJECT SITE BOUNDARY
- 6 — LOT BOUNDARY AND TAX LOT NUMBER
- 1309 — BLOCK NUMBER
- EXISTING MONITORING WELL
- PREVIOUS SOIL BORING (EBI CONSULTING, 2020)
- PREVIOUS SOIL BORING/SOIL VAPOR POINT (EBI CONSULTING, 2020)
- SOIL BORING LOCATION (AKRF, 2021)

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) AKRF borings are presented in red and EBI's in grey shading.

	PART 375 RESTRICTED RESIDENTIAL mg/kg	PART 375 UNRESTRICTED mg/kg
Volatile Organic Compounds		
Tetrachloroethylene (PCE)	19	1.3
Semivolatile Organic Compounds		
Benzo(a)Anthracene	1	1
Benzo(a)Pyrene	1	1
Benzo(b)Fluoranthene	1	1
Benzo(k)Fluoranthene	3.9	0.8
Chrysene	3.9	1
Dibenz(a,h)Anthracene	0.33	0.33
Indeno(1,2,3-c,d)Pyrene	0.5	0.5
Pesticides		
P,P'-DDD	13	0.0033
P,P'-DDE	8.9	0.0033
P,P'-DDT	7.9	0.0033
Metals		
Arsenic	16	13
Copper	270	50
Lead	400	63
Mercury	0.81	0.18
Nickel	310	30
Zinc	10000	109



0 75 150 300

SCALE IN FEET

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

AKRF
440 Park Avenue South, New York, NY 10016

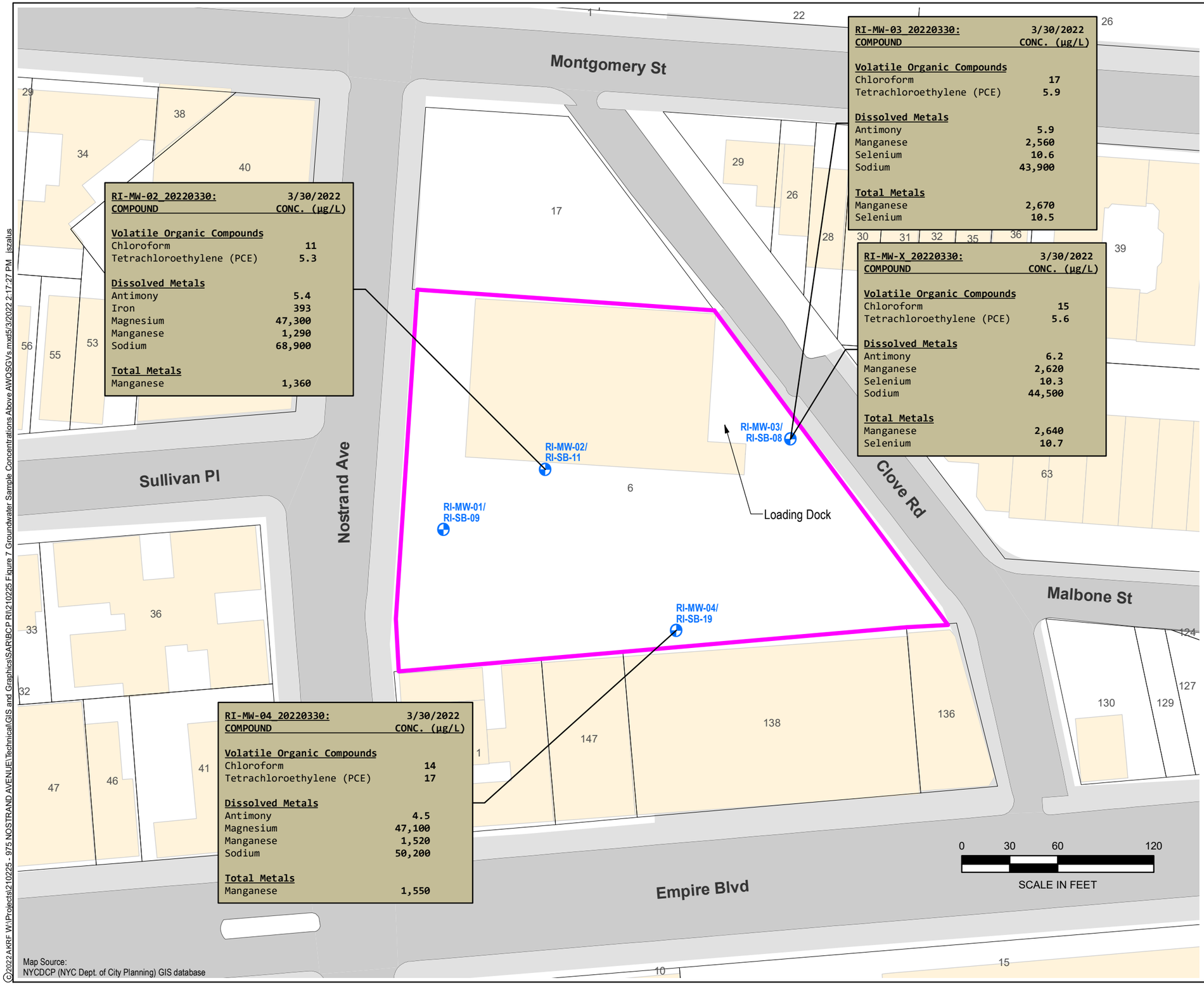
Soil Samples Concentrations Above NYSDEC UUSCOs and RRSCOs Identified During the Subsurface Investigation

975 Nostrand Avenue
Brooklyn, New York

DATE 5/12/2022

PROJECT NO. 210225

FIGURE 6A



LEGEND

- PROJECT SITE
- 6 — LOT BOUNDARY AND TAX LOT NUMBER
- BUILDING
- RI SOIL BORING/MONITORING

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):

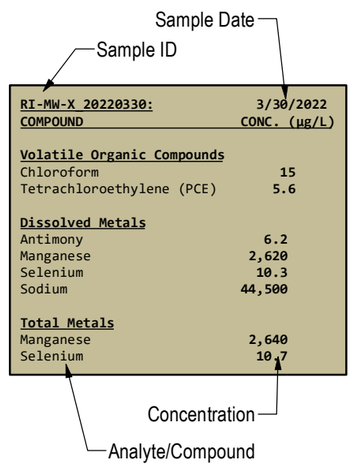
µg/L: micrograms per Liter = parts per billion (ppb)

Only Exceedances of NYSDEC AWQSGVs are shown in bold font.

RI-MW-X_20220330 is a blind duplicate of sample RI-MW-03_20220330

No Sample was collected from RI-MW-01

	NYSDEC AWQSGVs µg/l
Volatile Organic Compounds	
Chloroform	7
Tetrachloroethylene (PCE)	5
Metals	
Antimony	3
Iron	300
Magnesium	35,000
Manganese	300
Selenium	10
Sodium	20,000



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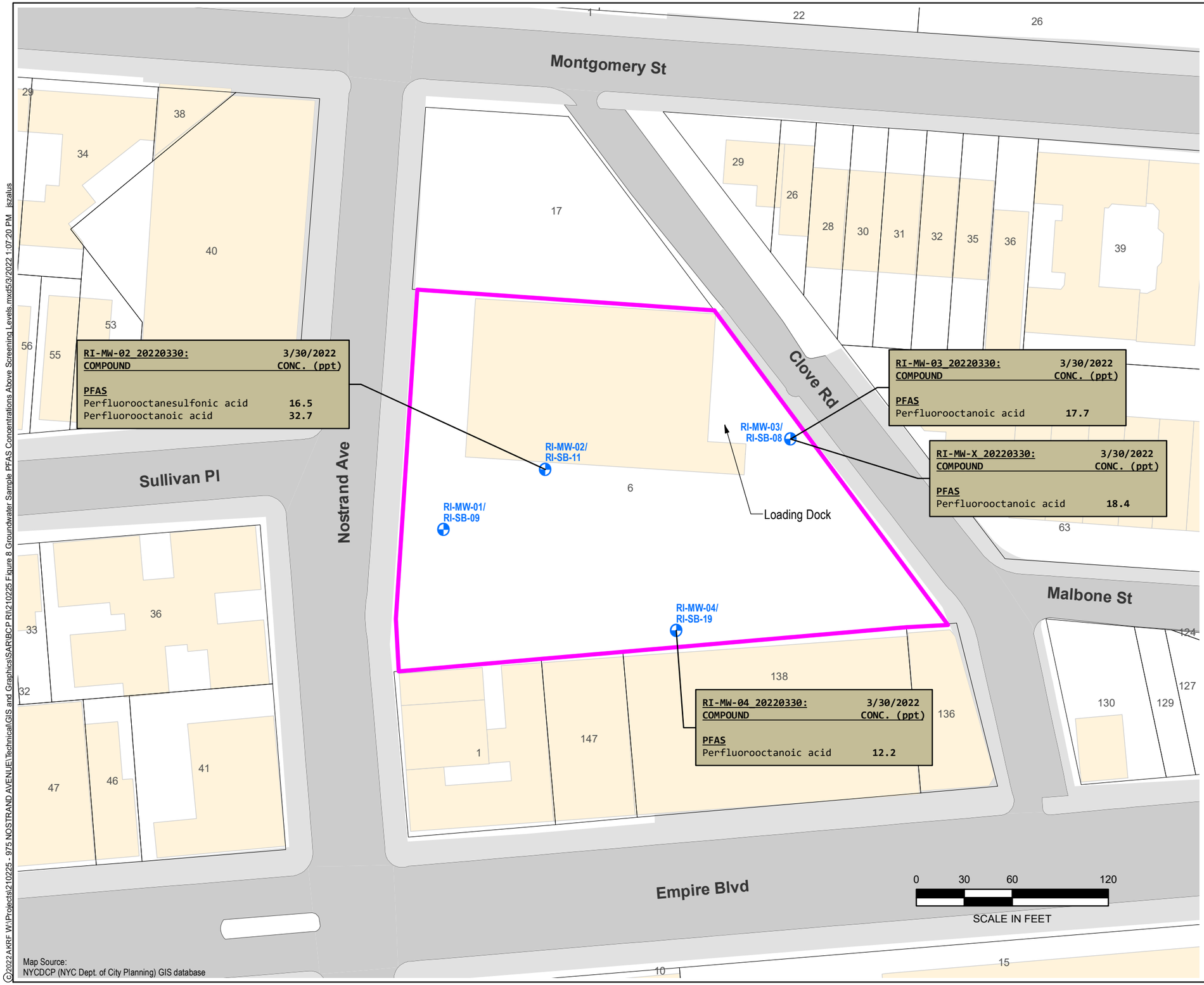
975 Nostrand Avenue
Brooklyn, New York

Groundwater Sample Concentrations Above AWQSGVs

DATE
5/3/2022

PROJECT NO.
210225

FIGURE
7



LEGEND

- PROJECT SITE BOUNDARY
- 6 — LOT BOUNDARY AND TAX LOT NUMBER
- BUILDING
- SOIL BORING/MONITORING WELL

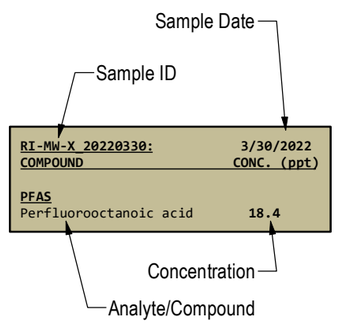
PFOA: Perfluorooctanoic acid
PFOS: Perfluorooctanesulfonic acid
PFAS: Per- and polyfluoroalkyl substances

ppt = parts per trillion

Values that exceed the NYSDEC PFAS Screening Values are shown in bold font.

RI-MW-X_20220330 is a blind duplicate of sample RI-MW-03_20220330

PFAS Screening Levels Groundwater ppt	
PFAS	
Perfluorooctanesulfonic acid (PFOS)	10
Perfluorooctanoic acid (PFOA)	10



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440 Park Avenue South, New York, NY 10016

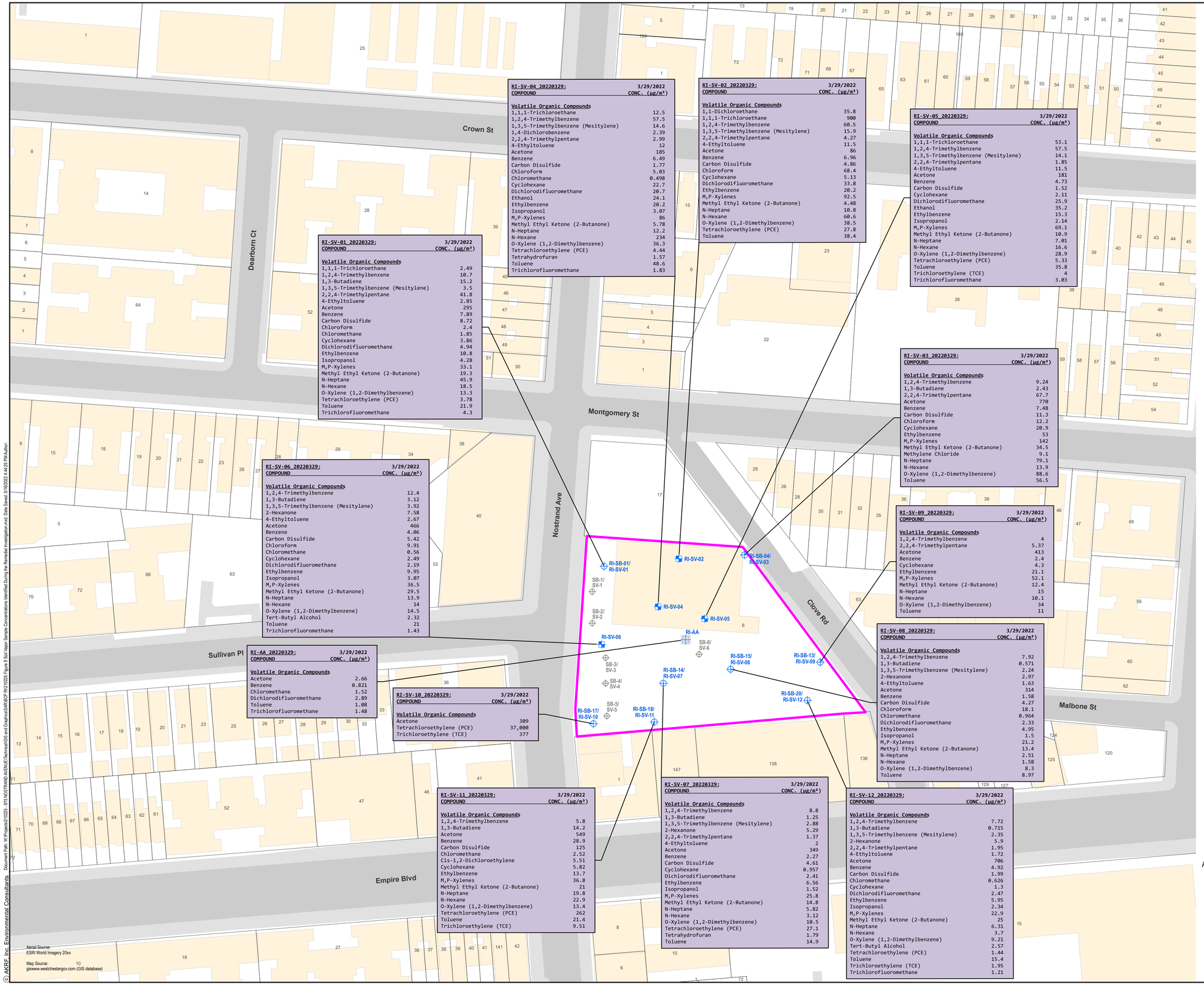
975 Nostrand Avenue
Brooklyn, New York

Groundwater Sample PFAS Concentrations Above Screening Levels

DATE
5/3/2022

PROJECT NO.
210225

FIGURE
8



RI-SV-04_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,1-Trichloroethane	12.5
1,2,4-Trimethylbenzene	57.5
1,3,5-Trimethylbenzene (Mesitylene)	14.6
1,4-Dichlorobenzene	2.39
2,2,4-Trimethylpentane	2.99
4-Ethyltoluene	12
Acetone	185
Benzene	6.49
Carbon Disulfide	1.77
Chloroform	5.03
Chloromethane	0.498
Cyclohexane	22.7
Dichlorodifluoromethane	20.7
Ethanol	24.1
Ethylbenzene	20.2
Isopropanol	3.07
M,P-Xylenes	86
Methyl Ethyl Ketone (2-Butanone)	5.78
N-Heptane	12.2
N-Hexane	234
O-Xylene (1,2-Dimethylbenzene)	36.3
Tetrachloroethylene (PCE)	4.44
Tetrahydrofuran	1.57
Toluene	48.6
Trichlorofluoromethane	1.83

RI-SV-02_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1-Dichloroethane	35.8
1,1,1-Trichloroethane	900
1,2,4-Trimethylbenzene	60.5
1,3,5-Trimethylbenzene (Mesitylene)	15.9
2,2,4-Trimethylpentane	4.27
4-Ethyltoluene	11.5
Acetone	86
Benzene	6.96
Carbon Disulfide	4.86
Chloroform	68.4
Cyclohexane	5.13
Dichlorodifluoromethane	33.8
Ethylbenzene	20.2
M,P-Xylenes	92.5
Methyl Ethyl Ketone (2-Butanone)	4.48
N-Heptane	10.8
N-Hexane	60.6
O-Xylene (1,2-Dimethylbenzene)	38.5
Tetrachloroethylene (PCE)	27.8
Toluene	38.4

RI-SV-05_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,1-Trichloroethane	53.1
1,2,4-Trimethylbenzene	57.5
1,3,5-Trimethylbenzene (Mesitylene)	14.1
2,2,4-Trimethylpentane	1.85
4-Ethyltoluene	11.5
Acetone	181
Benzene	4.73
Carbon Disulfide	1.52
Cyclohexane	2.11
Dichlorodifluoromethane	25.9
Ethanol	35.2
Ethylbenzene	15.3
Isopropanol	2.14
M,P-Xylenes	69.1
Methyl Ethyl Ketone (2-Butanone)	10.9
N-Heptane	7.01
N-Hexane	16.6
O-Xylene (1,2-Dimethylbenzene)	28.9
Tetrachloroethylene (PCE)	5.33
Toluene	35.8
Trichloroethylene (TCE)	4
Trichlorofluoromethane	3.03

RI-SV-01_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,1-Trichloroethane	2.49
1,2,4-Trimethylbenzene	10.7
1,3-Butadiene	15.2
1,3,5-Trimethylbenzene (Mesitylene)	3.5
2,2,4-Trimethylpentane	41.8
4-Ethyltoluene	2.85
Acetone	295
Benzene	7.89
Carbon Disulfide	8.72
Chloroform	2.4
Chloromethane	1.85
Cyclohexane	3.86
Dichlorodifluoromethane	4.94
Ethylbenzene	10.8
Isopropanol	4.28
M,P-Xylenes	33.1
Methyl Ethyl Ketone (2-Butanone)	19.3
N-Heptane	45.9
N-Hexane	18.5
O-Xylene (1,2-Dimethylbenzene)	13.3
Tetrachloroethylene (PCE)	3.78
Toluene	21.9
Trichlorofluoromethane	4.3

RI-SV-03_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	9.24
1,3-Butadiene	2.43
2,2,4-Trimethylpentane	67.7
Acetone	770
Benzene	7.48
Carbon Disulfide	11.3
Chloroform	12.2
Cyclohexane	20.9
Ethylbenzene	53
M,P-Xylenes	142
Methyl Ethyl Ketone (2-Butanone)	34.5
Methylene Chloride	9.1
N-Heptane	79.1
N-Hexane	13.9
O-Xylene (1,2-Dimethylbenzene)	88.6
Toluene	56.5

RI-SV-09_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	4
2,2,4-Trimethylpentane	5.37
Acetone	413
Benzene	2.4
Cyclohexane	4.3
Ethylbenzene	21.1
M,P-Xylenes	52.1
Methyl Ethyl Ketone (2-Butanone)	12.4
N-Heptane	15
N-Hexane	10.1
O-Xylene (1,2-Dimethylbenzene)	34
Toluene	11

RI-SV-06_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	12.4
1,3-Butadiene	3.12
1,3,5-Trimethylbenzene (Mesitylene)	3.92
2-Hexanone	7.58
4-Ethyltoluene	2.67
Acetone	466
Benzene	4.06
Carbon Disulfide	5.42
Chloroform	9.91
Chloromethane	0.56
Cyclohexane	2.49
Dichlorodifluoromethane	2.19
Ethylbenzene	9.95
Isopropanol	3.07
M,P-Xylenes	36.5
Methyl Ethyl Ketone (2-Butanone)	29.5
N-Heptane	13.9
N-Hexane	14
O-Xylene (1,2-Dimethylbenzene)	14.5
Tert-Butyl Alcohol	2.32
Toluene	21
Trichlorofluoromethane	1.43

RI-SV-08_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	7.92
1,3-Butadiene	0.571
1,3,5-Trimethylbenzene (Mesitylene)	2.24
2-Hexanone	2.97
4-Ethyltoluene	1.63
Acetone	314
Benzene	1.58
Carbon Disulfide	4.27
Chloroform	18.1
Chloromethane	0.964
Dichlorodifluoromethane	2.33
Ethylbenzene	4.95
Isopropanol	1.5
M,P-Xylenes	21.2
Methyl Ethyl Ketone (2-Butanone)	13.4
N-Heptane	2.51
N-Hexane	1.58
O-Xylene (1,2-Dimethylbenzene)	8.3
Toluene	8.97

RI-AA_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
Acetone	2.66
Benzene	0.821
Chloromethane	1.52
Dichlorodifluoromethane	2.89
Toluene	1.08
Trichlorofluoromethane	1.48

RI-SV-10_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
Acetone	309
Tetrachloroethylene (PCE)	37,000
Trichloroethylene (TCE)	377

RI-SV-11_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	5.8
1,3-Butadiene	14.2
Acetone	549
Benzene	28.9
Carbon Disulfide	125
Chloromethane	2.52
Cis-1,2-Dichloroethylene	5.51
Cyclohexane	5.82
Ethylbenzene	13.7
M,P-Xylenes	36.8
Methyl Ethyl Ketone (2-Butanone)	21
N-Heptane	19.8
N-Hexane	22.9
O-Xylene (1,2-Dimethylbenzene)	13.4
Tetrachloroethylene (PCE)	262
Toluene	21.4
Trichloroethylene (TCE)	9.51

RI-SV-07_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	8.8
1,3-Butadiene	1.25
1,3,5-Trimethylbenzene (Mesitylene)	2.88
2-Hexanone	5.29
2,2,4-Trimethylpentane	1.37
4-Ethyltoluene	2
Acetone	349
Benzene	2.27
Carbon Disulfide	4.61
Cyclohexane	0.957
Dichlorodifluoromethane	2.41
Ethylbenzene	6.56
Isopropanol	1.52
M,P-Xylenes	25.8
Methyl Ethyl Ketone (2-Butanone)	14.8
N-Heptane	5.82
N-Hexane	3.12
O-Xylene (1,2-Dimethylbenzene)	10.5
Tetrachloroethylene (PCE)	27.1
Tetrahydrofuran	1.79
Toluene	14.9

RI-SV-12_20220329: 3/29/2022

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	7.72
1,3-Butadiene	0.715
1,3,5-Trimethylbenzene (Mesitylene)	2.35
2-Hexanone	5.9
2,2,4-Trimethylpentane	1.95
4-Ethyltoluene	1.72
Acetone	706
Benzene	4.92
Carbon Disulfide	1.99
Chloromethane	0.626
Cyclohexane	1.3
Dichlorodifluoromethane	2.47
Ethylbenzene	5.95
Isopropanol	2.34
M,P-Xylenes	22.9
Methyl Ethyl Ketone (2-Butanone)	25
N-Heptane	6.31
N-Hexane	3.7
O-Xylene (1,2-Dimethylbenzene)	9.21
Tert-Butyl Alcohol	2.57
Tetrachloroethylene (PCE)	1.44
Toluene	15.4
Trichloroethylene (TCE)	1.95
Trichlorofluoromethane	1.21

LEGEND

- PROJECT SITE BOUNDARY
- 6 — LOT BOUNDARY AND TAX LOT NUMBER
- BUILDING
- PREVIOUS SOIL BORING/SOIL VAPOR POINT (EBI CONSULTING, 2020)
- RI SOIL BORING/SOIL VAPOR POINT
- RI SOIL VAPOR POINT
- RI AMBIENT AIR SAMPLING LOCATION

SOIL VAPOR

µg/m³- micrograms per cubic meter

Sample ID — Sample Date

RI-SV-10_20220329: 3/29/2022

COMPOUND	CONC. (µg/m3)
Volatile Organic Compounds	
Acetone	309
Tetrachloroethylene (PCE)	37,000
Trichloroethylene (TCE)	377

Analyte/Compound — Concentration

0 30 60 120

SCALE IN FEET

Aerial Source:
ESRI World Imagery 20xx

Map Source: 10
giswww.westchestergov.com (GIS database)

Document Path: W:\Projects\21025_-_975 NOSTRAND AVENUE\Technical\GIS and Graphics\SAR\RIDP R0\210224 Figure 9 Soil Vapor Sample Concentrations Identified During the Remedial Investigation.mxd Date Saved: 5/16/2022 2:44:25 PM Author:

AKRF

440 Park Avenue South, New York, NY 10016

Soil Vapor Sample Concentrations Identified During the Remedial Investigation

975 Nostrand Avenue
Brooklyn, New York

DATE
5/16/2022

PROJECT NO.
210225

FIGURE
9

ATTACHED TABLES

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-101_0-2_20210806	SB-101_3-5_20210806	SB-101_13-15_20210806	SB-102_0-2_20210806	SB-102_3-5_20210806	SB-102_11-13_20210806
		Laboratory Sample ID	460-240404-1	460-240404-2	460-240404-3	460-240404-4	460-240404-5	460-240404-6
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 UJ	0.0011 UJ	0.0011 U	0.0013 UJ	0.0012 UJ	0.0021 UJ
1,2,4-Trichlorobenzene	NS	NS	0.0012 UJ	0.0011 UJ	0.0011 UJ	0.0013 UJ	0.0012 UJ	0.0021 UJ
1,2,4-Trimethylbenzene	3.6	52	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,2-Dichlorobenzene	1.1	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,3-Dichlorobenzene	2.4	49	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
1,4-Dichlorobenzene	1.8	13	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
2-Hexanone	NS	NS	0.0059 U	0.0056 U	0.0053 U	0.0064 U	0.0058 U	0.01 U
Acetone	**0.05**	100	0.0071 U	0.0067 U	0.0063 U	0.0077 U	0.007 U	0.013 U
Benzene	0.06	4.8	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Bromochloromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Bromodichloromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Bromoform	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Bromomethane	NS	NS	0.0024 U	0.0022 U	0.0021 U	0.0026 U	0.0023 U	0.0042 U
Carbon Disulfide	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Chlorobenzene	1.1	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Chloroethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Chloroform	0.37	49	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Chloromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Cyclohexane	NS	NS	0.0012 UJ	0.0011 UJ	0.0011 UJ	0.0013 UJ	0.0012 UJ	0.0021 UJ
Dibromochloromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Ethylbenzene	1	41	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
M,P-Xylenes	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Methyl Acetate	NS	NS	0.0059 U	0.0056 U	0.0053 U	0.0064 U	0.0058 U	0.01 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0059 U	0.0056 U	0.0053 U	0.0064 U	0.0058 U	0.01 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0059 U	0.0056 U	0.0053 U	0.0064 U	0.0058 U	0.01 U
Methylcyclohexane	NS	NS	0.0012 UJ	0.0011 UJ	0.0011 UJ	0.0013 UJ	0.0012 UJ	0.0021 UJ
Methylene Chloride	**0.05**	100	0.0024 U	0.0022 U	0.0021 U	0.0026 U	0.0023 U	0.0042 U
N-Butylbenzene	12	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
N-Propylbenzene	3.9	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Sec-Butylbenzene	11	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Styrene	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
T-Butylbenzene	5.9	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Tert-Butyl Methyl Ether	0.93	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Tetrachloroethylene (PCE)	**1.3**	19	0.0012 UJ	0.0011 UJ	0.0011 UJ	0.0013 UJ	0.0012 UJ	0.0021 UJ
Toluene	0.7	100	0.00057 J	0.00038 J	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Trichloroethylene (TCE)	0.47	21	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0011 U	0.0011 U	0.0013 U	0.0012 U	0.0021 U
Xylenes, Total	**0.26**	100	0.0024 U	0.0022 U	0.0021 U	0.0026 U	0.0023 U	0.0042 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-103_0-2_20210806	SB-103_3-5_20210806	SB-103_10-12_20210806	SB-104_0-2_20210806	SB-104_3-5_20210806	SB-104_8-10_20210806
		Laboratory Sample ID	460-240404-7	460-240404-8	460-240404-9	460-240404-10	460-240404-11	460-240404-12
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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
1,1,1-Trichloroethane	0.68	100	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.0015 UJ	0.0013 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	0.0015 UJ	0.0013 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,2-Dichloropropane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
2-Hexanone	NS	NS	0.0076 U	0.0067 U	0.0056 U	0.0059 U	0.0063 U	0.0053 U
Acetone	**0.05**	100	0.0091 U	0.008 U	0.0074	0.0071 U	0.0075 U	0.0063 U
Benzene	0.06	4.8	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Bromochloromethane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Bromodichloromethane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Bromoform	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Bromomethane	NS	NS	0.003 U	0.0027 U	0.0022 U	0.0024 U	0.0025 U	0.0021 U
Carbon Disulfide	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Chlorobenzene	1.1	100	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Chloroethane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Chloroform	0.37	49	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Chloromethane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Cyclohexane	NS	NS	0.0015 UJ	0.0013 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.0011 U
Dibromochloromethane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Ethylbenzene	1	41	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
M,P-Xylenes	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Methyl Acetate	NS	NS	0.0076 U	0.0067 U	0.0056 U	0.0059 U	0.0063 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0076 U	0.0067 U	0.0056 U	0.0059 U	0.0063 U	0.0053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0076 U	0.0067 U	0.0056 U	0.0059 U	0.0063 U	0.0053 U
Methylcyclohexane	NS	NS	0.0015 UJ	0.0013 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.0011 U
Methylene Chloride	**0.05**	100	0.003 U	0.0027 U	0.0022 U	0.0024 U	0.0025 U	0.0021 U
N-Butylbenzene	12	100	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
N-Propylbenzene	3.9	100	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Sec-Butylbenzene	11	100	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Styrene	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
T-Butylbenzene	5.9	100	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Tetrachloroethylene (PCE)	**1.3**	19	0.0015 UJ	0.0013 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.013
Toluene	0.7	100	0.0015 U	0.0013 U	0.00083 J	0.00077 J	0.0013 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.0015 U	0.0013 U	0.0011 U	0.0012 U	0.0013 U	0.0011 U
Xylenes, Total	**0.26**	100	0.003 U	0.0027 U	0.0022 U	0.0024 U	0.0025 U	0.0021 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-105_0-2_20210806	SB-105_3-5_20210806	SB-105_13-15_20210806	SB-105_13-15_20210806	SB-106_0-2_20210806	SB-106_3-5_20210806
		Laboratory Sample ID	460-240404-13	460-240404-14	460-240404-15	460-240404-15	460-240404-16	460-240404-17
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	50	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 UJ	0.0013 UJ
1,2,4-Trichlorobenzene	NS	NS	0.0012 U	0.0012 U	NR	0.13 R	0.0012 UJ	0.0013 UJ
1,2,4-Trimethylbenzene	3.6	52	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	0.0012 U	0.0012 U	NR	0.13 R	0.0012 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
1,3-Dichlorobenzene	2.4	49	0.0012 U	0.0012 U	NR	0.13 R	0.0012 U	0.0013 U
1,4-Dichlorobenzene	1.8	13	0.0012 U	0.0012 U	NR	0.13 R	0.0012 U	0.0013 U
2-Hexanone	NS	NS	0.0058 U	0.0059 U	0.0066 U	0.65 R	0.006 U	0.0064 U
Acetone	**0.05**	100	0.007 U	0.0071 U	0.0079 U	0.65 R	0.0072 U	0.0077 U
Benzene	0.06	4.8	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Bromochloromethane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Bromodichloromethane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Bromoform	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Bromomethane	NS	NS	0.0023 U	0.0024 U	0.0026 U	0.13 R	0.0024 U	0.0026 U
Carbon Disulfide	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Chlorobenzene	1.1	100	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Chloroethane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Chloroform	0.37	49	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Chloromethane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Cyclohexane	NS	NS	0.0012 U	0.0012 U	0.0013 UT	0.13 R	0.0012 UJ	0.0013 UJ
Dibromochloromethane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Ethylbenzene	1	41	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
M,P-Xylenes	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Methyl Acetate	NS	NS	0.0058 U	0.0059 U	0.0066 U	0.65 R	0.006 U	0.0064 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0058 U	0.0059 U	0.0066 U	0.65 R	0.006 U	0.0064 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0058 U	0.0059 U	0.0066 U	0.65 R	0.006 U	0.0064 U
Methylcyclohexane	NS	NS	0.0012 U	0.0012 U	0.0013 UT	0.13 R	0.0012 UJ	0.0013 UJ
Methylene Chloride	**0.05**	100	0.0023 U	0.0024 U	0.0026 U	0.13 R	0.0024 U	0.0026 U
N-Butylbenzene	12	100	0.0012 U	0.0012 U	0.0013 UT	0.13 R	0.0012 U	0.0013 U
N-Propylbenzene	3.9	100	0.0012 U	0.0012 U	0.0013 UT	0.13 R	0.0012 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Sec-Butylbenzene	11	100	0.0012 U	0.0012 U	0.0013 UT	0.13 R	0.0012 U	0.0013 U
Styrene	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
T-Butylbenzene	5.9	100	0.0012 U	0.0012 U	0.0013 UT	0.13 R	0.0012 U	0.0013 U
Tert-Butyl Methyl Ether	0.93	100	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Tetrachloroethylene (PCE)	**1.3**	19	0.015	0.0022	0.3 T	**10 J**	0.0012 UJ	0.0013 UJ
Toluene	0.7	100	0.00049 J	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.00042 J	0.0012 U	0.0069	0.35 J	0.0012 U	0.0013 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0012 U	0.0013 U	0.13 R	0.0012 U	0.0013 U
Xylenes, Total	**0.26**	100	0.0023 U	0.0024 U	0.0026 U	0.26 R	0.0024 U	0.0026 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-106_12-14_20210806	SB-107_0-2_20210806	SB-107_3-5_20210806	SB-107_9-11_20210806	SB-108_0-2_20210806	SB-108_3-5_20210806
		Laboratory Sample ID	460-240404-18	460-240404-19	460-240404-20	460-240404-21	460-240404-22	460-240404-23
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 UJ	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0012 UJ	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,2,4-Trimethylbenzene	3.6	52	0.00076 J	0.00073 J	0.0011 U	0.0011 U	0.00036 J	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
2-Hexanone	NS	NS	0.0058 U	0.0066 U	0.0057 U	0.0054 U	0.0071 U	0.006 U
Acetone	**0.05**	100	0.007 U	0.0079 U	0.0068 U	0.0065 U	0.0085 U	0.0072 U
Benzene	0.06	4.8	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Bromochloromethane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Bromodichloromethane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Bromoform	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Bromomethane	NS	NS	0.0023 U	0.0026 U	0.0023 U	0.0022 U	0.0028 U	0.0024 U
Carbon Disulfide	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Chlorobenzene	1.1	100	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Chloroethane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Chloroform	0.37	49	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Chloromethane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Cyclohexane	NS	NS	0.0012 UJ	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Dibromochloromethane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Ethylbenzene	1	41	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
M,P-Xylenes	NS	NS	0.00078 J	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Methyl Acetate	NS	NS	0.0058 U	0.0066 U	0.0057 U	0.0054 U	0.0071 U	0.006 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0058 U	0.0066 U	0.0057 U	0.0054 U	0.0071 U	0.006 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0058 U	0.0066 U	0.0057 U	0.0054 U	0.0071 U	0.006 U
Methylcyclohexane	NS	NS	0.0012 UJ	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Methylene Chloride	**0.05**	100	0.0023 U	0.0026 U	0.0023 U	0.0022 U	0.0028 U	0.0024 U
N-Butylbenzene	12	100	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
N-Propylbenzene	3.9	100	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00039 J	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Sec-Butylbenzene	11	100	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Styrene	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
T-Butylbenzene	5.9	100	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Tetrachloroethylene (PCE)	**1.3**	19	0.0012 UJ	0.0016	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Toluene	0.7	100	0.00047 J	0.0044	0.0011 U	0.0011 U	0.0023	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0013 U	0.0011 U	0.0011 U	0.0014 U	0.0012 U
Xylenes, Total	**0.26**	100	0.0012 J	0.0026 U	0.0023 U	0.0022 U	0.0028 U	0.0024 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	SB-108_13-15_20210806	RI-SB-01_0-2_20220328	RI-SB-01_5-7_20220328	RI-SB-01_9-11_20220328	RI-SB-01_13-15_20220328	RI-SB-02_10-12_20220404
		Laboratory Sample ID	460-240404-24	460-255194-1	460-255194-2	460-255194-3	460-255194-4	460-255585-3
		Date Sampled	8/06/2021	3/28/2022	3/28/2022	3/28/2022	3/28/2022	4/04/2022
		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
1,1,1-Trichloroethane	0.68	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,2,4-Trimethylbenzene	3.6	52	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
2-Hexanone	NS	NS	0.0064 U	0.0054 U	0.0051 U	0.005 U	0.0055 U	0.0062 U
Acetone	**0.05**	100	0.0077 U	0.0065 U	0.0084	0.0061	0.008	0.021
Benzene	0.06	4.8	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Bromochloromethane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Bromodichloromethane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Bromoform	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Bromomethane	NS	NS	0.0026 U	0.0022 U	0.002 U	0.002 U	0.0022 U	0.0025 U
Carbon Disulfide	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.00062 J
Carbon Tetrachloride	0.76	2.4	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Chlorobenzene	1.1	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Chloroethane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Chloroform	0.37	49	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Chloromethane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Cyclohexane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Dibromochloromethane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Ethylbenzene	1	41	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
M,P-Xylenes	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Methyl Acetate	NS	NS	0.0064 U	0.0054 U	0.0051 U	0.005 U	0.0055 U	0.0062 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0064 U	0.0054 U	0.0051 U	0.005 U	0.0055 U	0.0062 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0064 U	0.0054 U	0.0051 U	0.005 U	0.0055 U	0.0062 U
Methylcyclohexane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Methylene Chloride	**0.05**	100	0.0026 U	0.0022 U	0.002 U	0.002 U	0.0022 U	0.0025 U
N-Butylbenzene	12	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
N-Propylbenzene	3.9	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Sec-Butylbenzene	11	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Styrene	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
T-Butylbenzene	5.9	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Tetrachloroethylene (PCE)	**1.3**	19	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Toluene	0.7	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0013 U	0.0011 U	0.001 U	0.001 U	0.0011 U	0.0012 U
Xylenes, Total	**0.26**	100	0.0026 U	0.0022 U	0.002 U	0.002 U	0.0022 U	0.0025 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	RI-SB-02_14-16_20220404	RI-SB-03_10-12_20220404	RI-SB-03_13-15_20220404	RI-SB-04_0-2_20220328	RI-SB-04_5-7_20220328	RI-SB-04_9-11_20220328
		Laboratory Sample ID	460-255585-4	460-255585-5	460-255585-6	460-255194-5	460-255194-6	460-255194-7
		Date Sampled	4/04/2022	4/04/2022	4/04/2022	3/28/2022	3/28/2022	3/28/2022
		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
1,1,1-Trichloroethane	0.68	100	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,2-Dichloropropane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
2-Hexanone	NS	NS	0.0065 U	0.006 U	0.0056 U	0.0057 UJ	0.0054 U	0.0056 U
Acetone	**0.05**	100	0.0078 U	0.0072 U	0.0067 U	0.0084 JK	0.0075	0.012
Benzene	0.06	4.8	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Bromochloromethane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Bromodichloromethane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Bromoform	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Bromomethane	NS	NS	0.0026 U	0.0024 U	0.0022 U	0.0023 U	0.0021 U	0.0022 U
Carbon Disulfide	NS	NS	0.00054 J	0.0012 U	0.0011 U	0.00039 J	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Chlorobenzene	1.1	100	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Chloroethane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Chloromethane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Cyclohexane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Dibromochloromethane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Ethylbenzene	1	41	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
M,P-Xylenes	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Methyl Acetate	NS	NS	0.0065 U	0.006 U	0.0056 U	0.0057 U	0.0054 U	0.0056 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0065 U	0.006 U	0.0056 U	0.0057 U	0.0054 U	0.0056 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0065 U	0.006 U	0.0056 U	0.0057 U	0.0054 U	0.0056 U
Methylcyclohexane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Methylene Chloride	**0.05**	100	0.0026 U	0.0024 U	0.0022 U	0.0023 U	0.0021 U	0.0022 U
N-Butylbenzene	12	100	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
N-Propylbenzene	3.9	100	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Sec-Butylbenzene	11	100	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Styrene	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
T-Butylbenzene	5.9	100	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	**1.3**	19	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Toluene	0.7	100	0.00048 J	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.0013 U	0.0012 U	0.0011 U	0.0011 UJ	0.0011 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.0013 U	0.0012 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Xylenes, Total	**0.26**	100	0.0026 U	0.0024 U	0.0022 U	0.0023 UJ	0.0021 U	0.0022 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	RI-SB-04_13-15_20220328	RI-SB-05_10-12_20220404	RI-SB-05_13-15_20220404	RI-SB-06_10-12_20220404	RI-SB-06_14-16_20220404	RI-SB-07_10-12_20220404
		Laboratory Sample ID	460-255194-8	460-255585-7	460-255585-8	460-255585-1	460-255585-2	460-255585-9
		Date Sampled	3/28/2022	4/04/2022	4/04/2022	4/04/2022	4/04/2022	4/04/2022
		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
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2,4-Trimethylbenzene	3.6	52	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dichlorobenzene	1.1	100	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
2-Hexanone	NS	NS	0.0053 U	0.0064 U	0.0055 U	0.006 U	0.0062 U	0.0061 U
Acetone	**0.05**	100	0.0063 U	0.0076 U	0.0066 U	0.0072 U	0.0074 U	**0.06**
Benzene	0.06	4.8	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00053 J
Bromochloromethane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Bromodichloromethane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Bromoform	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Bromomethane	NS	NS	0.0021 U	0.0025 U	0.0022 U	0.0024 U	0.0025 U	0.0024 U
Carbon Disulfide	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.00035 J
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Chlorobenzene	1.1	100	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Chloroethane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Chloroform	0.37	49	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Chloromethane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Cyclohexane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Dibromochloromethane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Ethylbenzene	1	41	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
M,P-Xylenes	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Methyl Acetate	NS	NS	0.0053 U	0.0064 U	0.0055 U	0.006 U	0.0062 U	0.0061 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0053 U	0.0064 U	0.0055 U	0.006 U	0.0062 U	0.0061 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0053 U	0.0064 U	0.0055 U	0.006 U	0.0062 U	0.0061 U
Methylcyclohexane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Methylene Chloride	**0.05**	100	0.0021 U	0.0025 U	0.0022 U	0.0024 U	0.0025 U	0.0024 U
N-Butylbenzene	12	100	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
N-Propylbenzene	3.9	100	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Sec-Butylbenzene	11	100	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Styrene	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
T-Butylbenzene	5.9	100	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Tetrachloroethylene (PCE)	**1.3**	19	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Toluene	0.7	100	0.0011 U	0.00036 J	0.00033 J	0.0012 U	0.0012 U	0.00041 J
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.0013 U	0.0011 U	0.0012 U	0.0012 U	0.0012 U
Xylenes, Total	**0.26**	100	0.0021 U	0.0025 U	0.0022 U	0.0024 U	0.0025 U	0.0024 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	RI-SB-07_13-15_20220404	RI-SB-08_0-2_20220323	RI-SB-X_0-2_20220323	RI-SB-08_4-6_20220323	RI-SB-08_13-15_20220323	RI-SB-09_0-2_20220325
		Laboratory Sample ID	460-255585-10	460-254917-4	460-254917-7	460-254917-5	460-254917-6	460-255075-1
		Date Sampled	4/04/2022	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/25/2022
		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
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,2,4-Trichlorobenzene	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,2,4-Trimethylbenzene	3.6	52	0.0012 U	0.0014 U	0.0012 U	0.00034 J	0.0011 U	0.00097 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,2-Dichlorobenzene	1.1	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,3-Dichlorobenzene	2.4	49	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
1,4-Dichlorobenzene	1.8	13	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
2-Hexanone	NS	NS	0.0059 U	0.0069 U	0.0058 U	0.0061 U	0.0053 U	0.0048 U
Acetone	**0.05**	100	0.007 U	**0.071**	**0.084**	**0.097**	0.012	0.01
Benzene	0.06	4.8	0.0012 U	0.0004 J	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Bromochloromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Bromodichloromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Bromoform	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Bromomethane	NS	NS	0.0023 U	0.0027 U	0.0023 U	0.0025 U	0.0021 U	0.0019 U
Carbon Disulfide	NS	NS	0.0012 U	0.0016	0.0015	0.0017	0.0011 U	0.00097 U
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Chlorobenzene	1.1	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Chloroethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Chloroform	0.37	49	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Chloromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Cyclohexane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Dibromochloromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Ethylbenzene	1	41	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
M,P-Xylenes	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00023 J
Methyl Acetate	NS	NS	0.0059 U	0.0069 U	0.0058 U	0.0061 U	0.0053 U	0.0048 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0059 U	0.013	0.013	0.014	0.0053 U	0.0048 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0059 U	0.0069 U	0.0058 U	0.0061 U	0.0053 U	0.0048 U
Methylcyclohexane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Methylene Chloride	**0.05**	100	0.0023 U	0.0027 U	0.0023 U	0.0025 U	0.0021 U	0.0019 U
N-Butylbenzene	12	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
N-Propylbenzene	3.9	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.00034 J	0.00027 J	0.0012 U	0.0011 U	0.00097 U
Sec-Butylbenzene	11	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Styrene	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
T-Butylbenzene	5.9	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Tert-Butyl Methyl Ether	0.93	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Tetrachloroethylene (PCE)	**1.3**	19	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Toluene	0.7	100	0.0012 U	0.00035 J	0.00028 J	0.0012 U	0.0011 U	0.00097 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Trichloroethylene (TCE)	0.47	21	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0014 U	0.0012 U	0.0012 U	0.0011 U	0.00097 U
Xylenes, Total	**0.26**	100	0.0023 U	0.0027 U	0.0023 U	0.0025 U	0.0021 U	0.0019 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	RI-SB-09_5-7_20220325	RI-SB-09_9-11_20220325	RI-SB-09_13-15_20220325	RI-SB-10_0-2_20220328	RI-SB-10_7-9_20220328	RI-SB-X2_7-9_20220328
		Laboratory Sample ID	460-255075-2	460-255075-3	460-255075-4	460-255194-9	460-255194-10	460-255194-38
		Date Sampled	3/25/2022	3/25/2022	3/25/2022	3/28/2022	3/28/2022	3/28/2022
		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
1,1,1-Trichloroethane	0.68	100	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,1,2-Trichloroethane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,1-Dichloroethane	0.27	26	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,1-Dichloroethene	0.33	100	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,2,4-Trimethylbenzene	3.6	52	0.001 U	0.00091 U	0.001 U	0.0017	0.00096 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,2-Dichlorobenzene	1.1	100	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,2-Dichloropropane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.001 U	0.00091 U	0.001 U	0.00075 J	0.00096 U	0.001 U
1,3-Dichlorobenzene	2.4	49	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
1,4-Dichlorobenzene	1.8	13	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
2-Hexanone	NS	NS	0.0051 U	0.0045 U	0.005 U	0.0057 U	0.0048 U	0.0052 U
Acetone	**0.05**	100	0.0061 U	0.0052 J	0.0097	**0.11**	0.04	0.0062 J
Benzene	0.06	4.8	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Bromochloromethane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Bromodichloromethane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Bromoform	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 UJ
Bromomethane	NS	NS	0.002 U	0.0018 U	0.002 U	0.0023 U	0.0019 U	0.0021 U
Carbon Disulfide	NS	NS	0.001 U	0.00091 U	0.001 U	0.0023	0.00096 U	0.001 U
Carbon Tetrachloride	0.76	2.4	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Chlorobenzene	1.1	100	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Chloroethane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Chloroform	0.37	49	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Chloromethane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Cis-1,2-Dichloroethylene	0.25	100	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Cyclohexane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Dibromochloromethane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Dichlorodifluoromethane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Ethylbenzene	1	41	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Isopropylbenzene (Cumene)	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
M,P-Xylenes	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Methyl Acetate	NS	NS	0.0051 U	0.0045 U	0.005 U	0.0057 U	0.0048 U	0.0052 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0051 U	0.0045 U	0.005 U	0.011	0.0048 U	0.0052 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0051 U	0.0045 U	0.005 U	0.0057 U	0.0048 U	0.0052 U
Methylcyclohexane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Methylene Chloride	**0.05**	100	0.002 U	0.0018 U	0.002 U	0.0023 U	0.0019 U	0.0021 U
N-Butylbenzene	12	100	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
N-Propylbenzene	3.9	100	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Sec-Butylbenzene	11	100	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Styrene	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
T-Butylbenzene	5.9	100	0.001 U	0.00091 U	0.001 U	0.001 J	0.00096 U	0.001 U
Tert-Butyl Methyl Ether	0.93	100	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Tetrachloroethylene (PCE)	**1.3**	19	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Toluene	0.7	100	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Trans-1,2-Dichloroethene	0.19	100	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Trichloroethylene (TCE)	0.47	21	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Trichlorofluoromethane	NS	NS	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Vinyl Chloride	0.02	0.9	0.001 U	0.00091 U	0.001 U	0.0011 U	0.00096 U	0.001 U
Xylenes, Total	**0.26**	100	0.002 U	0.0018 U	0.002 U	0.0023 U	0.0019 U	0.0021 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	RI-SB-10_13-15_20220328	RI-SB-11_0-2_20220324	RI-SB-11_4-6_20220324	RI-SB-11_13-15_20220324	RI-SB-12_0-2_20220328	RI-SB-12_8-10_20220328
		Laboratory Sample ID	460-255194-11	460-254964-1	460-254964-2	460-254964-3	460-255194-12	460-255194-13
		Date Sampled	3/24/2022	3/24/2022	3/24/2022	3/24/2022	3/28/2022	3/28/2022
		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
1,1,1-Trichloroethane	0.68	100	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,2-Dichloropropane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
2-Hexanone	NS	NS	0.0052 U	0.0057 U	0.0048 U	0.0046 U	0.0055 U	0.0053 U
Acetone	**0.05**	100	0.018	0.0069 U	0.0058 U	0.0056 U	0.011	0.013
Benzene	0.06	4.8	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Bromochloromethane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Bromodichloromethane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Bromoform	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Bromomethane	NS	NS	0.0021 U	0.0023 U	0.0019 U	0.0019 U	0.0022 U	0.0021 U
Carbon Disulfide	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Chlorobenzene	1.1	100	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Chloroethane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Chloromethane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Cyclohexane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Dibromochloromethane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Ethylbenzene	1	41	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
M,P-Xylenes	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Methyl Acetate	NS	NS	0.0052 U	0.0057 U	0.0048 U	0.0046 U	0.0055 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0052 U	0.0057 U	0.0048 U	0.0046 U	0.0055 U	0.0053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0052 U	0.0057 U	0.0048 U	0.0046 U	0.0055 U	0.0053 U
Methylcyclohexane	NS	NS	0.001 U	0.0011 UJ	0.00097 UJ	0.00093 UJ	0.0011 U	0.0011 U
Methylene Chloride	**0.05**	100	0.0021 U	0.0023 U	0.0019 U	0.0019 U	0.0022 U	0.0021 U
N-Butylbenzene	12	100	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
N-Propylbenzene	3.9	100	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Sec-Butylbenzene	11	100	0.001 U	0.0011 UJ	0.00097 UJ	0.00093 UJ	0.0011 U	0.0011 U
Styrene	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
T-Butylbenzene	5.9	100	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	**1.3**	19	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Toluene	0.7	100	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.001 U	0.0011 U	0.00097 U	0.00093 U	0.0011 U	0.0011 U
Xylenes, Total	**0.26**	100	0.0021 U	0.0023 U	0.0019 U	0.0019 U	0.0022 U	0.0021 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	RI-SB-12_13-15_20220328	RI-SB-13_0-2_20220328	RI-SB-13_7-9_20220328	RI-SB-13_13-15_20220328	RI-SB-14_0-2_20220328	RI-SB-14_5-7_20220328
		Laboratory Sample ID	460-255194-14	460-255194-15	460-255194-16	460-255194-17	460-255194-18	460-255194-19
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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
1,1,1-Trichloroethane	0.68	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
1,1,2-Trichloroethane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
1,1-Dichloroethane	0.27	26	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
1,1-Dichloroethene	0.33	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
1,2,3-Trichlorobenzene	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
1,2,4-Trichlorobenzene	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
1,2,4-Trimethylbenzene	3.6	52	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
1,2-Dichlorobenzene	1.1	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
1,2-Dichloroethane	0.02	3.1	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
1,2-Dichloropropane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
1,3-Dichlorobenzene	2.4	49	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
1,4-Dichlorobenzene	1.8	13	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
2-Hexanone	NS	NS	0.011 U	0.0053 U	0.0044 U	0.0054 U	0.0058 U	0.0047 U
Acetone	**0.05**	100	0.022	0.011	0.02	0.013	0.011	0.0098
Benzene	0.06	4.8	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Bromochloromethane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Bromodichloromethane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Bromoform	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Bromomethane	NS	NS	0.0042 U	0.0021 U	0.0018 U	0.0022 U	0.0023 U	0.0019 U
Carbon Disulfide	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Carbon Tetrachloride	0.76	2.4	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Chlorobenzene	1.1	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
Chloroethane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Chloroform	0.37	49	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Chloromethane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Cis-1,2-Dichloroethylene	0.25	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
Cis-1,3-Dichloropropene	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Cyclohexane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Dibromochloromethane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Dichlorodifluoromethane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Ethylbenzene	1	41	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
Isopropylbenzene (Cumene)	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
M,P-Xylenes	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
Methyl Acetate	NS	NS	0.011 U	0.0053 U	0.0044 U	0.0054 U	0.0058 U	0.0047 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.011 U	0.0053 U	0.0044 U	0.0054 U	0.0058 U	0.0047 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.011 U	0.0053 U	0.0044 U	0.0054 U	0.0058 U	0.0047 U
Methylcyclohexane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Methylene Chloride	**0.05**	100	0.0042 U	0.0021 U	0.0018 U	0.0022 U	0.0023 U	0.0019 U
N-Butylbenzene	12	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
N-Propylbenzene	3.9	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
Sec-Butylbenzene	11	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
Styrene	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
T-Butylbenzene	5.9	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Tert-Butyl Methyl Ether	0.93	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Tetrachloroethylene (PCE)	**1.3**	19	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
Toluene	0.7	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
Trans-1,2-Dichloroethene	0.19	100	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Trans-1,3-Dichloropropene	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
Trichloroethylene (TCE)	0.47	21	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 UJ	0.00094 U
Trichlorofluoromethane	NS	NS	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Vinyl Chloride	0.02	0.9	0.0021 U	0.0011 U	0.00089 U	0.0011 U	0.0012 U	0.00094 U
Xylenes, Total	**0.26**	100	0.0042 U	0.0021 U	0.0018 U	0.0022 U	0.0023 UJ	0.0019 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	RI-SB-14_13-15_20220328	RI-SB-15_0-2_20220328	RI-SB-15_7-9_20220328	RI-SB-15_13-15_20220328	RI-SB-16_0-2_20220328	RI-SB-16_8-10_20220328
		Laboratory Sample ID	460-255194-20	460-255194-21	460-255194-22	460-255194-23	460-255194-24	460-255194-25
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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
1,1,1-Trichloroethane	0.68	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,2,4-Trimethylbenzene	3.6	52	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,2-Dichloropropane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,3-Dichlorobenzene	2.4	49	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
1,4-Dichlorobenzene	1.8	13	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
2-Hexanone	NS	NS	0.0052 U	0.015 U	0.0047 U	0.0053 U	0.0059 U	0.0064 U
Acetone	**0.05**	100	0.017	0.031	0.015	0.0099	0.044	0.0077 U
Benzene	0.06	4.8	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Bromochloromethane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Bromodichloromethane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Bromoform	NS	NS	0.001 U	0.0031 UJ	0.00094 UJ	0.0011 UJ	0.0012 UJ	0.0013 UJ
Bromomethane	NS	NS	0.0021 U	0.0061 U	0.0019 U	0.0021 U	0.0023 U	0.0026 U
Carbon Disulfide	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Chlorobenzene	1.1	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Chloroethane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Chloroform	0.37	49	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Chloromethane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Cyclohexane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Dibromochloromethane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Dichlorodifluoromethane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Ethylbenzene	1	41	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
M,P-Xylenes	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Methyl Acetate	NS	NS	0.0052 U	0.015 U	0.0047 U	0.0053 U	0.0059 U	0.0064 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0052 U	0.015 U	0.0047 U	0.0053 U	0.0059 U	0.0064 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0052 U	0.015 U	0.0047 U	0.0053 U	0.0059 U	0.0064 U
Methylcyclohexane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Methylene Chloride	**0.05**	100	0.0021 U	0.0061 U	0.0019 U	0.0021 U	0.0023 U	0.0026 U
N-Butylbenzene	12	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
N-Propylbenzene	3.9	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.00028 J	0.0013 U
Sec-Butylbenzene	11	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Styrene	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
T-Butylbenzene	5.9	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Tert-Butyl Methyl Ether	0.93	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Tetrachloroethylene (PCE)	**1.3**	19	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Toluene	0.7	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Trichlorofluoromethane	NS	NS	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.001 U	0.0031 U	0.00094 U	0.0011 U	0.0012 U	0.0013 U
Xylenes, Total	**0.26**	100	0.0021 U	0.0061 U	0.0019 U	0.0021 U	0.00028 J	0.0026 U

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	RI-SB-X3_8-10_20220328	RI-SB-16_13-15_20220328	RI-SB-17_0-2_20220328	RI-SB-17_7-9_20220328	RI-SB-17_13-15_20220328	RI-SB-18_0-2_20220328
		Laboratory Sample ID	460-255194-39	460-255194-26	460-255194-27	460-255194-28	460-255194-29	460-255194-30
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,2,4-Trimethylbenzene	3.6	52	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,3-Dichlorobenzene	2.4	49	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
1,4-Dichlorobenzene	1.8	13	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
2-Hexanone	NS	NS	0.0057 U	0.0056 U	0.0048 U	0.0055 U	0.0052 U	0.0064 U
Acetone	**0.05**	100	0.0068 U	0.01	0.01	0.0093	0.0097	0.0096
Benzene	0.06	4.8	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Bromochloromethane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Bromodichloromethane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Bromoform	NS	NS	0.0011 UJ	0.0011 UJ	0.00097 UJ	0.0011 UJ	0.001 UJ	0.0013 UJ
Bromomethane	NS	NS	0.0023 U	0.0022 U	0.0019 U	0.0022 U	0.0021 U	0.0026 U
Carbon Disulfide	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Chlorobenzene	1.1	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Chloroethane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Chloroform	0.37	49	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Chloromethane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Cyclohexane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Dibromochloromethane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Ethylbenzene	1	41	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
M,P-Xylenes	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Methyl Acetate	NS	NS	0.0057 U	0.0056 U	0.0048 U	0.0055 U	0.0052 U	0.0064 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0057 U	0.0056 U	0.0048 U	0.0055 U	0.0052 U	0.0064 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0057 U	0.0056 U	0.0048 U	0.0055 U	0.0052 U	0.0064 U
Methylcyclohexane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Methylene Chloride	**0.05**	100	0.0023 U	0.0022 U	0.0019 U	0.0022 U	0.0021 U	0.0026 U
N-Butylbenzene	12	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
N-Propylbenzene	3.9	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.00032 J
Sec-Butylbenzene	11	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Styrene	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
T-Butylbenzene	5.9	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Tetrachloroethylene (PCE)	**1.3**	19	0.0011 U	0.0011 U	0.00039 J	0.0011 U	0.076	0.0013 U
Toluene	0.7	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.0008 J	0.0013 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.0011 U	0.00097 U	0.0011 U	0.001 U	0.0013 U
Xylenes, Total	**0.26**	100	0.0023 U	0.0022 U	0.0019 U	0.0022 U	0.0021 U	0.00032 J

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	RI-SB-18_4-6_20220328	RI-SB-18_9-11_20220328	RI-SB-18_13-15_20220328	RI-SB-19_0-2_20220323	RI-SB-19_7-9_20220323	RI-SB-19_13-15_20220323
		Laboratory Sample ID	460-255194-31	460-255194-32	460-255194-33	460-254917-1	460-254917-2	460-254917-3
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/23/2022	3/23/2022	3/23/2022
		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
1,1,1-Trichloroethane	0.68	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,1,2,2-Tetrachloroethane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,1,2-Trichloroethane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,1-Dichloroethane	0.27	26	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,1-Dichloroethene	0.33	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,2,3-Trichlorobenzene	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,2,4-Trichlorobenzene	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 UJ
1,2,4-Trimethylbenzene	3.6	52	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,2-Dichlorobenzene	1.1	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,2-Dichloroethane	0.02	3.1	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,2-Dichloropropane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,3-Dichlorobenzene	2.4	49	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
1,4-Dichlorobenzene	1.8	13	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 UJ
2-Hexanone	NS	NS	0.0051 U	0.0054 U	0.0047 U	0.0048 U	0.0061 U	0.0045 U
Acetone	**0.05**	100	0.0069	0.018	0.015	0.01	0.0093	0.0054 U
Benzene	0.06	4.8	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Bromochloromethane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Bromodichloromethane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Bromoform	NS	NS	0.001 UJ	0.0011 UJ	0.00095 UJ	0.00096 U	0.0012 U	0.0009 U
Bromomethane	NS	NS	0.0021 U	0.0022 U	0.0019 U	0.0019 U	0.0024 U	0.0018 U
Carbon Disulfide	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.00039 J	0.0009 U
Carbon Tetrachloride	0.76	2.4	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Chlorobenzene	1.1	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Chloroethane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Chloroform	0.37	49	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Chloromethane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Cis-1,2-Dichloroethylene	0.25	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Cis-1,3-Dichloropropene	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Cyclohexane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Dibromochloromethane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Dichlorodifluoromethane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Ethylbenzene	1	41	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0007 J	0.0009 U
Isopropylbenzene (Cumene)	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
M,P-Xylenes	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.023	0.0009 U
Methyl Acetate	NS	NS	0.0051 U	0.0054 U	0.0047 U	0.0048 U	0.0061 U	0.0045 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0051 U	0.0054 U	0.0047 U	0.0048 U	0.0039 J	0.0045 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0051 U	0.0054 U	0.0047 U	0.0048 U	0.0061 U	0.0045 U
Methylcyclohexane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.00081 J	0.0009 U
Methylene Chloride	**0.05**	100	0.0021 U	0.0022 U	0.0019 U	0.0019 U	0.0024 U	0.0018 U
N-Butylbenzene	12	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
N-Propylbenzene	3.9	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0076	0.00019 J
Sec-Butylbenzene	11	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Styrene	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
T-Butylbenzene	5.9	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Tert-Butyl Methyl Ether	0.93	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Tetrachloroethylene (PCE)	**1.3**	19	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.00085 J	0.0009 U
Toluene	0.7	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Trans-1,2-Dichloroethene	0.19	100	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Trans-1,3-Dichloropropene	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Trichloroethylene (TCE)	0.47	21	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Trichlorofluoromethane	NS	NS	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Vinyl Chloride	0.02	0.9	0.001 U	0.0011 U	0.00095 U	0.00096 U	0.0012 U	0.0009 U
Xylenes, Total	**0.26**	100	0.0021 U	0.0022 U	0.0019 U	0.0019 U	0.031	0.00019 J

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	RI-SB-20_0-2_20220328	RI-SB-20_4-6_20220328	RI-SB-20_8-10_20220328	RI-SB-20_13-15_20220328	RI-TB-01_20220323	RI-TB-02_20220330
		Laboratory Sample ID	460-255194-34	460-255194-35	460-255194-36	460-255194-37	460-254917-9	460-255299-3
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/23/2022	3/30/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	µg/L	µg/L
		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
1,1,1-Trichloroethane	0.68	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,1-Dichloroethane	0.27	26	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,2,4-Trimethylbenzene	3.6	52	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,2-Dichloropropane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,3-Dichlorobenzene	2.4	49	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
2-Hexanone	NS	NS	0.0049 U	0.0049 U	0.0054 U	0.0056 U	5 U	5 U
Acetone	**0.05**	100	0.0071	0.0059 U	0.0065 U	0.012	5 U	5 U
Benzene	0.06	4.8	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Bromochloromethane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Bromodichloromethane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Bromoform	NS	NS	0.00099 UJ	0.00099 UJ	0.0011 UJ	0.0011 UJ	1 U	1 U
Bromomethane	NS	NS	0.002 U	0.002 U	0.0022 U	0.0022 U	1 U	1 U
Carbon Disulfide	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Chlorobenzene	1.1	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Chloroethane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Chloroform	0.37	49	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Chloromethane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Cyclohexane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Dibromochloromethane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Ethylbenzene	1	41	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
M,P-Xylenes	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	0.93 J	0.96 J
Methyl Acetate	NS	NS	0.0049 U	0.0049 U	0.0054 U	0.0056 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0049 U	0.0049 U	0.0054 U	0.0056 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0049 U	0.0049 U	0.0054 U	0.0056 U	5 U	5 U
Methylcyclohexane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Methylene Chloride	**0.05**	100	0.002 U	0.002 U	0.0022 U	0.0022 U	0.4 J	0.43 J
N-Butylbenzene	12	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
N-Propylbenzene	3.9	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Sec-Butylbenzene	11	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Styrene	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
T-Butylbenzene	5.9	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Tetrachloroethylene (PCE)	**1.3**	19	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Toluene	0.7	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Trichlorofluoromethane	NS	NS	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.00099 U	0.00099 U	0.0011 U	0.0011 U	1 U	1 U
Xylenes, Total	**0.26**	100	0.002 U	0.002 U	0.0022 U	0.0022 U	0.93 J	0.96 J

Table 1
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Volatile Organic Compounds (VOCs)

		AKRF Sample ID	RI-FB-01_20220323	RI-FB-02_20220330	RI-FB-03_20220404	RI-EB-01_20220324	RI-EB-03_20220404
		Laboratory Sample ID	460-254917-8	460-255299-1	460-255585-11	460-254964-4	460-255585-12
		Date Sampled	3/23/2022	3/30/2022	4/04/2022	3/24/2022	4/04/2022
		Unit	µg/L	µg/L	µg/L	µg/L	µg/L
		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	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	1 U	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 U
1,1,2-Trichloroethane	NS	NS	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	0.27	26	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	3.6	52	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	NS	NS	1 U	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 U
1,3-Dichlorobenzene	2.4	49	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	1 U	1 U	1 U	1 U	1 U
2-Hexanone	NS	NS	5 U	5 U	5 U	5 U	5 U
Acetone	**0.05**	100	5 U	5 U	5 U	5 U	5 U
Benzene	0.06	4.8	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Bromoform	NS	NS	1 U	1 U	1 UJ	1 U	1 UJ
Bromomethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	NS	NS	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	1.1	100	1 U	1 U	1 U	1 U	1 U
Chloroethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Chloroform	0.37	49	1 U	1 U	1 U	1 U	1 U
Chloromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	NS	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1	41	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS	0.9 J	0.83 J	1 U	0.82 J	1 U
Methyl Acetate	NS	NS	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	5 U	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	5 U
Methylcyclohexane	NS	NS	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	**0.05**	100	1 U	1 U	2.2	0.43 J	1.2
N-Butylbenzene	12	100	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	3.9	100	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	11	100	1 U	1 U	1 U	1 U	1 U
Styrene	NS	NS	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5.9	100	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	**1.3**	19	1 U	1 U	1 U	1 U	1 U
Toluene	0.7	100	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	1 U	1 U	1 U	1 U	1 U
Trichlorofluoromethane	NS	NS	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	**0.26**	100	0.9 J	0.83 J	2 U	0.82 J	2 U

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	SB-101_0-2_20210806	SB-101_3-5_20210806	SB-101_13-15_20210806	SB-102_0-2_20210806	SB-102_3-5_20210806	SB-102_11-13_20210806	SB-103_0-2_20210806
		Laboratory Sample ID	460-240404-1	460-240404-2	460-240404-3	460-240404-4	460-240404-5	460-240404-6	460-240404-7
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	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	0.38 U	0.38 U	0.4 U	0.35 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.037 U	0.038 U	0.038 U	0.038 U	0.04 U	0.035 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U	0.16 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U	0.16 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.022 J	0.35 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.3 U	0.31 U	0.31 U	0.31 U	0.32 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U	0.082 U	0.072 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U	0.082 U	0.072 U
2-Chloronaphthalene	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.14 J	0.35 U
2-Chlorophenol	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
2-Methylnaphthalene	NS	NS	0.031 J	0.37 U	0.38 U	0.021 J	0.015 J	0.22 J	0.062 J
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.015 J	0.35 U
2-Nitroaniline	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
2-Nitrophenol	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
3- And 4- Methylphenol (Total)	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.053 J	0.35 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U	0.16 U	0.14 U
3-Nitroaniline	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.3 U	0.31 U	0.31 U	0.31 U	0.32 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
4-Chloroaniline	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.053 J	0.35 U
4-Nitroaniline	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
4-Nitrophenol	NS	NS	0.74 U	0.75 U	0.78 U	0.78 U	0.77 U	0.82 U	0.72 U
Acenaphthene	20	100	0.17 J	0.014 J	0.38 U	0.15 J	0.19 J	0.68	0.47
Acenaphthylene	100	100	0.063 J	0.37 U	0.38 U	0.022 J	0.02 J	0.51	0.069 J
Acetophenone	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Anthracene	100	100	0.4	0.038 J	0.38 U	0.42	0.45	2.4	1
Atrazine	NS	NS	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U	0.16 U	0.14 U
Benzaldehyde	NS	NS	0.37 UJ	0.37 UJ	0.38 UJ	0.38 UJ	0.38 UJ	0.4 UJ	0.35 UJ
Benzo(a)Anthracene	**1**	1	**1.6**	0.15	0.022 J	**1.6**	**1.4**	**3.8**	**4.3**
Benzo(a)Pyrene	**1**	1	**1.6**	0.14	0.013 J	**1.7**	**1.5**	**4.1**	**4.7**
Benzo(b)Fluoranthene	**1**	1	**2.3**	0.17	0.017 J	**2**	**1.7**	**4.7**	**5.8**
Benzo(g,h,i)Perylene	100	100	0.93	0.094 J	0.021 J	0.86	0.81	2.1	2.4
Benzo(k)Fluoranthene	**0.8**	3.9	**0.99**	0.08	0.009 J	0.77	0.63	**1.7**	**2.1**
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.0065 J	0.1 J	0.023 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.037 U	0.038 U	0.038 U	0.038 U	0.04 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.27 J	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Caprolactam	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Carbazole	NS	NS	0.2 J	0.37 U	0.38 U	0.14 J	0.095 J	0.5	0.45
Chrysene	**1**	3.9	**1.5**	0.13 J	0.016 J	**1.5**	**1.3**	**3.3**	**4**
Dibenz(a,h)Anthracene	**0.33**	0.33	0.16	0.037 U	0.038 U	0.16	0.15	**0.44**	**0.51**
Dibenzofuran	7	59	0.07 J	0.0079 J	0.38 U	0.053 J	0.049 J	0.71	0.2 J
Diethyl Phthalate	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Dimethyl Phthalate	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Fluoranthene	100	100	3.2	0.3 J	0.038 J	3.2	2.9	9.7	NR
Fluorene	30	100	0.13 J	0.37 U	0.38 U	0.12 J	0.14 J	0.87	0.38
Hexachlorobenzene	0.33	1.2	0.037 U	0.037 U	0.038 U	0.038 U	0.038 U	0.04 U	0.035 U
Hexachlorobutadiene	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U	0.082 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Hexachloroethane	NS	NS	0.037 U	0.037 U	0.038 U	0.038 U	0.038 U	0.04 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	**1**	0.11	0.038 U	**1.1**	**0.95**	**2.5**	**2.9**
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U	0.16 U	0.15 U	0.16 U	0.14 U
Naphthalene	12	100	0.044 J	0.017 J	0.38 U	0.041 J	0.026 J	0.73	0.1 J
Nitrobenzene	NS	NS	0.037 U	0.037 U	0.038 U	0.038 U	0.038 U	0.04 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.037 U	0.038 U	0.038 U	0.038 U	0.04 U	0.035 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.03 J
Pentachlorophenol	0.8	6.7	0.29 U	0.3 U	0.31 U	0.31 U	0.31 U	0.32 U	0.29 U
Phenanthrene	100	100	2	0.18 J	0.045 J	1.7	2.1	9.4	5.7
Phenol	0.33	100	0.37 U	0.37 U	0.38 U	0.38 U	0.38 U	0.4 U	0.35 U
Pyrene	100	100	2.6	0.27 J	0.031 J	2.8	2.7	8	7.8

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	SB-103_0-2_20210806	SB-103_3-5_20210806	SB-103_10-12_20210806	SB-104_0-2_20210806	SB-104_3-5_20210806	SB-104_8-10_20210806	SB-105_0-2_20210806
		Laboratory Sample ID	460-240404-7	460-240404-8	460-240404-9	460-240404-10	460-240404-11	460-240404-12	460-240404-13
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	2	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	NR	0.036 U	0.035 U	0.036 U	0.036 U	0.036 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	NR	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	NR	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
2,4-Dinitrophenol	NS	NS	NR	0.29 U	0.28 U	0.29 U	0.29 U	0.29 U	0.3 UJ
2,4-Dinitrotoluene	NS	NS	NR	0.074 U	0.071 U	0.073 U	0.074 U	0.072 U	0.076 U
2,6-Dinitrotoluene	NS	NS	NR	0.074 U	0.071 U	0.073 U	0.074 U	0.072 U	0.076 U
2-Chloronaphthalene	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
2-Chlorophenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
2-Methylnaphthalene	NS	NS	NR	0.36 U	0.01 J	0.013 J	0.028 J	0.012 J	0.37 U
2-Methylphenol (O-Cresol)	0.33	100	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
2-Nitroaniline	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
2-Nitrophenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
3- And 4- Methylphenol (Total)	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	NR	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	NR	0.29 U	0.28 U	0.29 U	0.29 U	0.29 U	0.3 UJ
4-Bromophenyl Phenyl Ether	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Chloroaniline	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Methylphenol (P-Cresol)	**0.33**	100	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Nitroaniline	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
4-Nitrophenol	NS	NS	NR	0.74 U	0.71 U	0.73 U	0.74 U	0.72 U	0.76 U
Acenaphthene	20	100	NR	0.36 U	0.041 J	0.058 J	0.094 J	0.019 J	0.048 J
Acenaphthylene	100	100	NR	0.36 U	0.019 J	0.034 J	0.11 J	0.0038 J	0.0099 J
Acetophenone	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Anthracene	100	100	NR	0.36 U	0.1 J	0.14 J	0.24 J	0.02 J	0.15 J
Atrazine	NS	NS	NR	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	NR	0.36 UJ	0.35 UJ	0.36 UJ	0.36 UJ	0.36 UJ	0.37 UJ
Benzo(a)Anthracene	**1**	1	NR	0.036 U	0.33	0.61	**1.6**	0.098	0.56
Benzo(a)Pyrene	**1**	1	NR	0.036 U	0.4	0.64	**2**	0.11	0.61
Benzo(b)Fluoranthene	**1**	1	NR	0.036 U	0.49	0.87	**2.7**	0.13	0.72
Benzo(g,h,i)Perylene	100	100	NR	0.36 U	0.4	0.31 J	0.65	0.071 J	0.35 J
Benzo(k)Fluoranthene	**0.8**	3.9	NR	0.036 U	0.19	0.35	**1.1**	0.048	0.25
Benzyl Butyl Phthalate	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.0099 J	0.36 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	0.036 U	0.035 U	0.036 U	0.036 U	0.036 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Caprolactam	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Carbazole	NS	NS	NR	0.36 U	0.051 J	0.049 J	0.12 J	0.018 J	0.048 J
Chrysene	**1**	3.9	NR	0.36 U	0.32 J	0.58	**1.6**	0.11 J	0.56
Dibenz(a,h)Anthracene	**0.33**	0.33	NR	0.036 U	0.078	0.061	0.11	0.018 J	0.1
Dibenzofuran	7	59	NR	0.36 U	0.026 J	0.02 J	0.053 J	0.013 J	0.019 J
Diethyl Phthalate	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Dimethyl Phthalate	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Di-N-Octylphthalate	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Fluoranthene	100	100	9.4 D	0.36 U	0.78	1.2	3.1	0.24 J	1.1
Fluorene	30	100	NR	0.36 U	0.042 J	0.036 J	0.063 J	0.017 J	0.045 J
Hexachlorobenzene	0.33	1.2	NR	0.036 U	0.035 U	0.036 U	0.036 U	0.036 U	0.037 U
Hexachlorobutadiene	NS	NS	NR	0.074 U	0.071 U	0.073 U	0.074 U	0.072 U	0.076 U
Hexachlorocyclopentadiene	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 UJ
Hexachloroethane	NS	NS	NR	0.036 U	0.035 U	0.036 U	0.036 U	0.036 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	NR	0.036 U	0.47	0.33	**0.86**	0.077	0.4
Isophorone	NS	NS	NR	0.15 U	0.14 U	0.14 U	0.15 U	0.14 U	0.15 U
Naphthalene	12	100	NR	0.36 U	0.02 J	0.037 J	0.094 J	0.028 J	0.012 J
Nitrobenzene	NS	NS	NR	0.036 U	0.035 U	0.036 U	0.036 U	0.036 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	NR	0.036 U	0.035 U	0.036 U	0.036 U	0.036 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Pentachlorophenol	0.8	6.7	NR	0.29 U	0.28 U	0.29 U	0.29 U	0.29 U	0.3 U
Phenanthrene	100	100	NR	0.36 U	0.53	0.65	1.3	0.2 J	0.66
Phenol	0.33	100	NR	0.36 U	0.35 U	0.36 U	0.36 U	0.36 U	0.37 U
Pyrene	100	100	NR	0.36 U	0.6	1.1	2.8	0.21 J	0.99

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	SB-105_3-5_20210806	SB-105_13-15_20210806	SB-106_0-2_20210806	SB-106_3-5_20210806	SB-106_12-14_20210806	SB-107_0-2_20210806	SB-107_3-5_20210806
		Laboratory Sample ID	460-240404-14	460-240404-15	460-240404-16	460-240404-17	460-240404-18	460-240404-19	460-240404-20
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.04 U	0.039 U	0.039 U	0.041 U	0.037 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.16 U	0.16 U	0.16 U	0.17 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.16 U	0.16 U	0.16 U	0.17 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.022 J
2,4-Dinitrophenol	NS	NS	0.3 U	0.32 U	0.32 U	0.32 U	0.33 U	0.3 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.076 U	0.082 U	0.08 U	0.079 U	0.084 U	0.076 U	0.044 J
2,6-Dinitrotoluene	NS	NS	0.076 U	0.082 U	0.08 U	0.079 U	0.084 U	0.076 U	0.075 U
2-Chloronaphthalene	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
2-Chlorophenol	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
2-Methylnaphthalene	NS	NS	0.37 U	0.4 U	0.047 J	0.39 U	0.059 J	0.064 J	0.5
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.021 J
2-Nitroaniline	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
2-Nitrophenol	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
3- And 4- Methylphenol (Total)	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.068 J
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.16 U	0.16 U	0.16 U	0.17 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.32 U	0.32 U	0.32 U	0.33 U	0.3 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
4-Chloroaniline	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.068 J
4-Nitroaniline	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
4-Nitrophenol	NS	NS	0.76 U	0.82 U	0.8 U	0.79 U	0.84 U	0.76 U	0.75 U
Acenaphthene	20	100	0.37 U	0.017 J	0.25 J	0.39 U	0.063 J	0.25 J	1.2
Acenaphthylene	100	100	0.37 U	0.0042 J	0.067 J	0.39 U	0.014 J	0.14 J	1.8
Acetophenone	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
Anthracene	100	100	0.37 U	0.026 J	0.69	0.39 U	0.13 J	0.71	6.4
Atrazine	NS	NS	0.15 U	0.16 U	0.16 U	0.16 U	0.17 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.37 UJ	0.4 UJ	0.39 UJ	0.39 UJ	0.41 UJ	0.37 UJ	0.37 U
Benzo(a)Anthracene	**1**	1	0.021 J	0.087	**2.5**	0.083	0.17	**3.4**	NR
Benzo(a)Pyrene	**1**	1	0.019 J	0.084	**2.7**	0.098	0.14	**3.9**	NR
Benzo(b)Fluoranthene	**1**	1	0.018 J	0.097	**3.3**	0.12	0.16	**4.6**	NR
Benzo(g,h,i)Perylene	100	100	0.013 J	0.046 J	1.5	0.057 J	0.064 J	2.1	5.9
Benzo(k)Fluoranthene	**0.8**	3.9	0.037 U	0.039 J	**1.3**	0.047	0.065	**1.8**	**4.7**
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.4 U	0.014 J	0.39 U	0.014 J	0.019 J	0.39
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.04 U	0.039 U	0.039 U	0.041 U	0.037 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.058 J	0.4 U	0.39 U	0.39 U	0.41 U	0.13 J	0.067 J
Caprolactam	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
Carbazole	NS	NS	0.37 U	0.4 U	0.33 J	0.39 U	0.062 J	0.39	1.3
Chrysene	**1**	3.9	0.018 J	0.08 J	**2.7**	0.09 J	0.16 J	**3.6**	NR
Dibenz(a,h)Anthracene	**0.33**	0.33	0.037 U	0.04 U	**0.48**	0.018 J	0.021 J	**0.68**	**1.7**
Dibenzofuran	7	59	0.37 U	0.012 J	0.14 J	0.39 U	0.075 J	0.12 J	2.1
Diethyl Phthalate	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
Dimethyl Phthalate	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
Fluoranthene	100	100	0.029 J	0.17 J	5.1	0.14 J	0.41	6.4	NR
Fluorene	30	100	0.0061 J	0.013 J	0.22 J	0.39 U	0.087 J	0.23 J	3.3
Hexachlorobenzene	0.33	1.2	0.037 U	0.04 U	0.039 U	0.039 U	0.041 U	0.037 U	0.037 U
Hexachlorobutadiene	NS	NS	0.076 U	0.082 U	0.08 U	0.079 U	0.084 U	0.076 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.37 U
Hexachloroethane	NS	NS	0.037 U	0.04 U	0.039 U	0.039 U	0.041 U	0.037 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.037 U	0.053	**1.8**	0.064	0.073	**2.5**	**6.9**
Isophorone	NS	NS	0.15 U	0.16 U	0.16 U	0.16 U	0.17 U	0.15 U	0.15 U
Naphthalene	12	100	0.0067 J	0.024 J	0.08 J	0.39 U	0.14 J	0.12 J	0.8
Nitrobenzene	NS	NS	0.037 U	0.04 U	0.039 U	0.039 U	0.041 U	0.037 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.04 U	0.039 U	0.039 U	0.041 U	0.037 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.09 J
Pentachlorophenol	0.8	6.7	0.3 U	0.32 U	0.32 U	0.32 U	0.33 U	0.3 U	0.3 U
Phenanthrene	100	100	0.034 J	0.12 J	3.5	0.052 J	0.53	3.5	NR
Phenol	0.33	100	0.37 U	0.4 U	0.39 U	0.39 U	0.41 U	0.37 U	0.051 J
Pyrene	100	100	0.039 J	0.15 J	4.6	0.13 J	0.32 J	5.9	NR

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	SB-107_3-5_20210806	SB-107_9-11_20210806	SB-108_0-2_20210806	SB-108_0-2_20210806	SB-108_3-5_20210806	SB-108_13-15_20210806	RI-SB-01_0-2_20220328
		Laboratory Sample ID	460-240404-20	460-240404-21	460-240404-22	460-240404-22	460-240404-23	460-240404-24	460-255194-1
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021	3/28/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	10	1	1	2	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	NR	0.038 U	0.035 U	NR	0.036 U	0.036 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	NR	0.15 U	0.14 U	NR	0.14 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	NR	0.15 U	0.14 U	NR	0.14 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
2,4-Dinitrophenol	NS	NS	NR	0.31 U	0.28 U	NR	0.29 U	0.29 U	0.29 U
2,4-Dinitrotoluene	NS	NS	NR	0.077 U	0.071 U	NR	0.073 U	0.074 U	0.074 U
2,6-Dinitrotoluene	NS	NS	NR	0.077 U	0.071 U	NR	0.073 U	0.074 U	0.074 U
2-Chloronaphthalene	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
2-Chlorophenol	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
2-Methylnaphthalene	NS	NS	NR	0.38 U	0.08 J	NR	0.029 J	0.12 J	0.066 J
2-Methylphenol (O-Cresol)	0.33	100	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
2-Nitroaniline	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
2-Nitrophenol	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
3- And 4- Methylphenol (Total)	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	NR	0.15 U	0.14 U	NR	0.14 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	NR	0.31 U	0.28 U	NR	0.29 U	0.29 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
4-Chloroaniline	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
4-Methylphenol (P-Cresol)	**0.33**	100	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
4-Nitroaniline	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
4-Nitrophenol	NS	NS	NR	0.77 U	0.71 U	NR	0.73 U	0.74 U	0.74 U
Acenaphthene	20	100	NR	0.38 U	0.52	NR	0.13 J	0.23 J	0.35 J
Acenaphthylene	100	100	NR	0.0082 J	0.14 J	NR	0.037 J	0.081 J	0.07 J
Acetophenone	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
Anthracene	100	100	NR	0.021 J	1.5	NR	0.27 J	0.3 J	0.81
Atrazine	NS	NS	NR	0.15 U	0.14 U	NR	0.14 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	NR	0.38 UJ	0.35 UJ	NR	0.36 UJ	0.36 UJ	0.36 UJ
Benzo(a)Anthracene	**1**	1	**9.1 D**	0.092	**6.1**	NR	**1.1**	0.83	**2.2**
Benzo(a)Pyrene	**1**	1	**9.8 D**	0.1	**6.4**	NR	**1.3**	0.95	**2**
Benzo(b)Fluoranthene	**1**	1	**10 D**	0.11	**8.2**	NR	**1.6**	1	**2.6 J**
Benzo(g,h,i)Perylene	100	100	NR	0.062 J	3.3	NR	0.79	0.55	0.9
Benzo(k)Fluoranthene	**0.8**	3.9	NR	0.046	**3.6**	NR	0.66	0.47	**0.98**
Benzyl Butyl Phthalate	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	NR	0.38 U	0.027 J	NR	0.0091 J	0.035 J	0.027 J
Bis(2-Chloroethoxy) Methane	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	0.038 U	0.035 U	NR	0.036 U	0.036 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	0.38 U	0.3 J	NR	0.36 U	0.36 U	0.36 U
Caprolactam	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
Carbazole	NS	NS	NR	0.38 U	0.63	NR	0.19 J	0.16 J	0.36
Chrysene	**1**	3.9	**8.6 D**	0.086 J	**6**	NR	**1.2**	0.91	**2**
Dibenz(a,h)Anthracene	**0.33**	0.33	NR	0.024 J	**1.2**	NR	0.23	0.16	0.23
Dibenzofuran	7	59	NR	0.38 U	0.25 J	NR	0.074 J	0.2 J	0.21 J
Diethyl Phthalate	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
Dimethyl Phthalate	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
Di-N-Octylphthalate	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
Fluoranthene	100	100	24 D	0.18 J	NR	11 D	2.5	2.1	4.9
Fluorene	30	100	NR	0.0087 J	0.46	NR	0.12 J	0.22 J	0.33 J
Hexachlorobenzene	0.33	1.2	NR	0.038 U	0.035 U	NR	0.036 U	0.036 U	0.036 U
Hexachlorobutadiene	NS	NS	NR	0.077 U	0.071 U	NR	0.073 U	0.074 U	0.074 U
Hexachlorocyclopentadiene	NS	NS	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
Hexachloroethane	NS	NS	NR	0.038 U	0.035 U	NR	0.036 U	0.036 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	NR	0.072	**4.1**	NR	**0.9**	**0.6**	**1.4**
Isophorone	NS	NS	NR	0.15 U	0.14 U	NR	0.14 U	0.15 U	0.15 U
Naphthalene	12	100	NR	0.38 U	0.12 J	NR	0.089 J	0.24 J	0.13 J
Nitrobenzene	NS	NS	NR	0.038 U	0.035 U	NR	0.036 U	0.036 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	NR	0.038 U	0.035 U	NR	0.036 U	0.036 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	NR	0.38 U	0.032 J	NR	0.36 U	0.36 U	0.36 U
Pentachlorophenol	0.8	6.7	NR	0.31 U	0.28 U	NR	0.29 U	0.29 U	0.29 U
Phenanthrene	100	100	24 D	0.11 J	6.9	NR	1.6	2.1	3.7
Phenol	0.33	100	NR	0.38 U	0.35 U	NR	0.36 U	0.36 U	0.36 U
Pyrene	100	100	19 D	0.16 J	NR	9.4 D	2.2	1.8	4.2

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-01_5-7_20220328	RI-SB-01_9-11_20220328	RI-SB-01_13-15_20220328	RI-SB-02_10-12_20220404	RI-SB-02_14-16_20220404	RI-SB-03_10-12_20220404	RI-SB-03_13-15_20220404
		Laboratory Sample ID	460-255194-2	460-255194-3	460-255194-4	460-255585-3	460-255585-4	460-255585-5	460-255585-6
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	4/04/2022	4/04/2022	4/04/2022	4/04/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.037 U	0.037 U	0.037 U	0.035 U	0.036 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.3 U	0.3 U	0.3 U	0.29 U	0.29 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U	0.074 U	0.075 U
2,6-Dinitrotoluene	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U	0.074 U	0.075 U
2-Chloronaphthalene	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
2-Chlorophenol	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
2-Methylnaphthalene	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
2-Nitroaniline	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
2-Nitrophenol	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
3- And 4- Methylphenol (Total)	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.3 U	0.3 U	0.3 U	0.29 U	0.29 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
4-Chloroaniline	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
4-Nitroaniline	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
4-Nitrophenol	NS	NS	0.73 U	0.76 U	0.76 U	0.75 U	0.72 U	0.74 U	0.75 U
Acenaphthene	20	100	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.012 J	0.37 U
Acenaphthylene	100	100	0.36 U	0.37 U	0.0045 J	0.37 U	0.35 U	0.0072 J	0.37 U
Acetophenone	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Anthracene	100	100	0.015 J	0.37 U	0.014 J	0.37 U	0.011 J	0.023 J	0.37 U
Atrazine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.36 UJ	0.37 UJ	0.37 UJ	0.37 UJ	0.35 UJ	0.36 UJ	0.37 UJ
Benzo(a)Anthracene	**1**	1	0.031 J	0.015 J	0.051	0.017 J	0.046	0.059	0.039
Benzo(a)Pyrene	**1**	1	0.023 J	0.037 U	0.048	0.037 U	0.033 J	0.04	0.029 J
Benzo(b)Fluoranthene	**1**	1	0.034 J	0.011 J	0.066 J	0.011 J	0.045	0.061	0.036 J
Benzo(g,h,i)Perylene	100	100	0.095 J	0.37 U	0.033 J	0.37 U	0.016 J	0.024 J	0.37 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.014 J	0.037 U	0.024 J	0.037 U	0.02 J	0.025 J	0.013 J
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.37 U	0.37 U	0.04 J	0.35 U	0.36 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.037 U	0.037 U	0.037 U	0.035 U	0.036 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.03 J	0.37 U	0.37 U	0.053 J	0.049 J	0.032 J	0.064 J
Caprolactam	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Carbazole	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.02 J	0.37 U
Chrysene	**1**	3.9	0.022 J	0.0099 J	0.046 J	0.01 J	0.041 J	0.051 J	0.027 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.029 J	0.037 U	0.028 J	0.037 U	0.035 U	0.036 U	0.037 U
Dibenzofuran	7	59	0.36 U	0.37 U	0.0054 J	0.37 U	0.35 U	0.0077 J	0.37 U
Diethyl Phthalate	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Dimethyl Phthalate	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Fluoranthene	100	100	0.047 J	0.017 J	0.079 J	0.019 J	0.08 J	0.13 J	0.063 J
Fluorene	30	100	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.014 J	0.37 U
Hexachlorobenzene	0.33	1.2	0.036 U	0.037 U	0.037 U	0.037 U	0.035 U	0.036 U	0.037 U
Hexachlorobutadiene	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U	0.074 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Hexachloroethane	NS	NS	0.036 U	0.037 U	0.037 U	0.037 U	0.035 U	0.036 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.087	0.037 U	0.062	0.028 J	0.044	0.051	0.044
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U
Naphthalene	12	100	0.36 U	0.37 U	0.013 J	0.37 U	0.35 U	0.36 U	0.37 U
Nitrobenzene	NS	NS	0.036 U	0.037 U	0.037 U	0.037 U	0.035 U	0.036 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.037 U	0.037 U	0.037 U	0.035 U	0.036 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Pentachlorophenol	0.8	6.7	0.29 U	0.3 U	0.3 U	0.3 U	0.29 U	0.29 U	0.3 U
Phenanthrene	100	100	0.036 J	0.02 J	0.051 J	0.015 J	0.06 J	0.13 J	0.045 J
Phenol	0.33	100	0.36 U	0.37 U	0.37 U	0.37 U	0.35 U	0.36 U	0.37 U
Pyrene	100	100	0.042 J	0.014 J	0.089 J	0.017 J	0.073 J	0.096 J	0.059 J

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-04_0-2_20220328	RI-SB-04_0-2_20220328	RI-SB-04_5-7_20220328	RI-SB-04_9-11_20220328	RI-SB-04_13-15_20220328	RI-SB-05_10-12_20220404	RI-SB-05_13-15_20220404
		Laboratory Sample ID	460-255194-5	460-255194-5	460-255194-6	460-255194-7	460-255194-8	460-255585-7	460-255585-8
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	4/04/2022	4/04/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	5	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	NR	0.036 U	0.037 U	0.037 U	0.038 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	NR	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	NR	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
2,4-Dinitrophenol	NS	NS	0.29 U	NR	0.29 U	0.3 U	0.3 U	0.31 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.074 U	NR	0.074 U	0.075 U	0.075 U	0.077 U	0.075 U
2,6-Dinitrotoluene	NS	NS	0.074 U	NR	0.074 U	0.075 U	0.075 U	0.077 U	0.075 U
2-Chloronaphthalene	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
2-Chlorophenol	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
2-Methylnaphthalene	NS	NS	0.2 J	NR	0.36 U	0.37 U	0.37 U	0.014 J	0.018 J
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
2-Nitroaniline	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
2-Nitrophenol	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
3- And 4- Methylphenol (Total)	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	NR	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 UJ	NR	0.29 U	0.3 U	0.3 U	0.31 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
4-Chloroaniline	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
4-Nitroaniline	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
4-Nitrophenol	NS	NS	0.74 U	NR	0.74 U	0.75 U	0.75 U	0.77 U	0.75 U
Acenaphthene	20	100	0.67	NR	0.36 U	0.37 U	0.05 J	0.38 U	0.02 J
Acenaphthylene	100	100	0.081 J	NR	0.0053 J	0.37 U	0.05 J	0.0045 J	0.0081 J
Acetophenone	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Anthracene	100	100	1.5	NR	0.019 J	0.37 U	0.22 J	0.013 J	0.064 J
Atrazine	NS	NS	0.15 U	NR	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.36 UJ	NR	0.36 UJ	0.37 UJ	0.37 UJ	0.38 UJ	0.37 UJ
Benzo(a)Anthracene	**1**	1	**4.2**	NR	0.11	0.026 J	1	0.044	0.31
Benzo(a)Pyrene	**1**	1	**3.9**	NR	0.1	0.019 J	1	0.032 J	0.28
Benzo(b)Fluoranthene	**1**	1	**5.6 J**	NR	0.14 J	0.027 J	**1.4 J**	0.047	0.35
Benzo(g,h,i)Perylene	100	100	1.5	NR	0.082 J	0.015 J	0.63	0.02 J	0.15 J
Benzo(k)Fluoranthene	**0.8**	3.9	**2.3**	NR	0.057	0.012 J	0.49	0.015 J	0.15
Benzyl Butyl Phthalate	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.066 J	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	NR	0.036 U	0.037 U	0.037 U	0.038 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.029 J	NR	0.36 U	0.37 U	0.37 U	0.024 J	0.024 J
Caprolactam	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Carbazole	NS	NS	0.62	NR	0.36 U	0.37 U	0.062 J	0.38 U	0.019 J
Chrysene	**1**	3.9	**3.9**	NR	0.098 J	0.02 J	0.91	0.035 J	0.28 J
Dibenz(a,h)Anthracene	**0.33**	0.33	**0.34**	NR	0.031 J	0.037 U	0.13	0.038 U	0.051
Dibenzofuran	7	59	0.47	NR	0.0053 J	0.37 U	0.03 J	0.0085 J	0.016 J
Diethyl Phthalate	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Dimethyl Phthalate	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.017 J
Di-N-Octylphthalate	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Fluoranthene	100	100	NR	6 D	0.18 J	0.035 J	2	0.081 J	0.52
Fluorene	30	100	0.65	NR	0.0056 J	0.37 U	0.055 J	0.0068 J	0.021 J
Hexachlorobenzene	0.33	1.2	0.036 U	NR	0.036 U	0.037 U	0.037 U	0.038 U	0.037 U
Hexachlorobutadiene	NS	NS	0.074 U	NR	0.074 U	0.075 U	0.075 U	0.077 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	0.36 UJ	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Hexachloroethane	NS	NS	0.036 U	NR	0.036 U	0.037 U	0.037 U	0.038 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	**2.1**	NR	0.12	0.04	**0.91**	0.048	0.22
Isophorone	NS	NS	0.15 U	NR	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	0.42	NR	0.0079 J	0.37 U	0.02 J	0.032 J	0.04 J
Nitrobenzene	NS	NS	0.036 U	NR	0.036 U	0.037 U	0.037 U	0.038 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	NR	0.036 U	0.037 U	0.037 U	0.038 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Pentachlorophenol	0.8	6.7	0.29 U	NR	0.29 U	0.3 U	0.3 U	0.31 U	0.3 U
Phenanthrene	100	100	6.4	NR	0.082 J	0.027 J	0.74	0.072 J	0.25 J
Phenol	0.33	100	0.36 U	NR	0.36 U	0.37 U	0.37 U	0.38 U	0.37 U
Pyrene	100	100	7.7	NR	0.17 J	0.03 J	1.7	0.067 J	0.47

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-06_10-12_20220404	RI-SB-06_14-16_20220404	RI-SB-07_10-12_20220404	RI-SB-07_13-15_20220404	RI-SB-08_0-2_20220323	RI-SB-08_0-2_20220323	RI-SB-X_0-2_20220323
		Laboratory Sample ID	460-255585-1	460-255585-2	460-255585-9	460-255585-10	460-254917-4	460-254917-4	460-254917-7
		Date Sampled	4/04/2022	4/04/2022	4/04/2022	4/04/2022	3/23/2022	3/23/2022	3/23/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	5	25	25
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	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	0.37 U	0.37 U	1.8 U	NR	9.3 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.037 U	0.037 U	0.037 U	0.18 U	NR	0.93 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.74 U	NR	3.7 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.74 U	NR	3.7 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
2,4-Dinitrophenol	NS	NS	0.3 U	0.3 U	0.3 U	0.3 U	1.5 UJ	NR	7.5 U
2,4-Dinitrotoluene	NS	NS	0.075 U	0.075 U	0.076 U	0.075 U	0.37 U	NR	1.9 U
2,6-Dinitrotoluene	NS	NS	0.075 U	0.075 U	0.076 U	0.075 U	0.37 U	NR	1.9 U
2-Chloronaphthalene	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
2-Chlorophenol	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
2-Methylnaphthalene	NS	NS	0.37 U	0.37 U	0.019 J	0.37 U	0.82 J	NR	0.81 J
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
2-Nitroaniline	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
2-Nitrophenol	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
3- And 4- Methylphenol (Total)	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.74 U	NR	3.7 U
3-Nitroaniline	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.3 U	0.3 U	0.3 U	1.5 U	NR	7.5 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
4-Chloroaniline	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
4-Nitroaniline	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
4-Nitrophenol	NS	NS	0.75 U	0.75 U	0.76 U	0.75 U	3.7 U	NR	19 U
Acenaphthene	20	100	0.37 U	0.37 U	0.37 U	0.37 U	3.7	NR	3.9 J
Acenaphthylene	100	100	0.37 U	0.37 U	0.0062 J	0.37 U	1.3 J	NR	1.5 J
Acetophenone	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
Anthracene	100	100	0.37 U	0.37 U	0.018 J	0.37 U	11	NR	11
Atrazine	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.74 U	NR	3.7 U
Benzaldehyde	NS	NS	0.37 UJ	0.37 UJ	0.37 UJ	0.37 UJ	1.8 UJ	NR	9.3 U
Benzo(a)Anthracene	**1**	1	0.013 J	0.037 U	0.052	0.037 U	**31**	NR	**31**
Benzo(a)Pyrene	**1**	1	0.037 U	0.037 U	0.033 J	0.037 U	**28**	NR	**30**
Benzo(b)Fluoranthene	**1**	1	0.037 U	0.037 U	0.057	0.037 U	**38 J**	NR	**42**
Benzo(g,h,i)Perylene	100	100	0.37 U	0.37 U	0.026 J	0.37 U	14	NR	16
Benzo(k)Fluoranthene	**0.8**	3.9	0.037 U	0.037 U	0.023 J	0.037 U	**16**	NR	**13**
Benzyl Butyl Phthalate	NS	NS	0.079 J	0.37 U	0.37 U	0.027 J	1.8 U	NR	9.3 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	0.3 J	NR	0.3 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.037 U	0.037 U	0.037 U	0.18 U	NR	0.93 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.064 J	0.021 J	0.059 J	0.025 J	0.38 J	NR	9.3 U
Caprolactam	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
Carbazole	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	4	NR	4.3 J
Chrysene	**1**	3.9	0.37 U	0.37 U	0.042 J	0.37 U	**29**	NR	**33**
Dibenz(a,h)Anthracene	**0.33**	0.33	0.037 U	0.037 U	0.037 U	0.037 U	**3.8**	NR	**4.8**
Dibenzofuran	7	59	0.37 U	0.37 U	0.0066 J	0.37 U	3.3	NR	3.5 J
Diethyl Phthalate	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
Dimethyl Phthalate	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.043 J	0.37 U	1.8 U	NR	9.3 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
Fluoranthene	100	100	0.37 U	0.37 U	0.092 J	0.37 U	NR	72 D	75
Fluorene	30	100	0.37 U	0.37 U	0.37 U	0.37 U	3.2	NR	2.9 J
Hexachlorobenzene	0.33	1.2	0.037 U	0.037 U	0.037 U	0.037 U	0.18 U	NR	0.93 U
Hexachlorobutadiene	NS	NS	0.075 U	0.075 U	0.076 U	0.075 U	0.37 U	NR	1.9 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
Hexachloroethane	NS	NS	0.037 U	0.037 U	0.037 U	0.037 U	0.18 U	NR	0.93 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.023 J	0.037 U	0.058	0.037 U	**17 J**	NR	**21**
Isophorone	NS	NS	0.15 U	0.15 U	0.15 U	0.15 U	0.74 U	NR	3.7 U
Naphthalene	12	100	0.37 U	0.37 U	0.05 J	0.37 U	1.6 J	NR	2 J
Nitrobenzene	NS	NS	0.037 U	0.037 U	0.037 U	0.037 U	0.18 U	NR	0.93 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.037 U	0.037 U	0.037 U	0.18 U	NR	0.93 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
Pentachlorophenol	0.8	6.7	0.3 U	0.3 U	0.3 U	0.3 U	1.5 U	NR	7.5 U
Phenanthrene	100	100	0.37 U	0.37 U	0.08 J	0.0073 J	41	NR	43
Phenol	0.33	100	0.37 U	0.37 U	0.37 U	0.37 U	1.8 U	NR	9.3 U
Pyrene	100	100	0.37 U	0.37 U	0.082 J	0.0095 J	NR	64 D	67

Table 2
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Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-08_4-6_20220323	RI-SB-08_13-15_20220323	RI-SB-09_0-2_20220325	RI-SB-09_5-7_20220325	RI-SB-09_9-11_20220325	RI-SB-09_13-15_20220325	RI-SB-10_0-2_20220328
		Laboratory Sample ID	460-254917-5	460-254917-6	460-255075-1	460-255075-2	460-255075-3	460-255075-4	460-255194-9
		Date Sampled	3/23/2022	3/23/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022	3/28/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	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	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.037 U	0.034 U	0.036 U	0.036 U	0.036 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.3 U	0.3 U	0.28 U	0.29 U	0.29 U	0.29 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.075 U	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U	0.073 U
2,6-Dinitrotoluene	NS	NS	0.075 U	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U	0.073 U
2-Chloronaphthalene	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
2-Chlorophenol	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
2-Methylnaphthalene	NS	NS	0.067 J	0.11 J	0.34 U	0.014 J	0.36 U	0.36 U	0.05 J
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
2-Nitroaniline	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
2-Nitrophenol	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
3- And 4- Methylphenol (Total)	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.3 U	0.28 UJ	0.29 UJ	0.29 UJ	0.29 UJ	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
4-Chloroaniline	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
4-Nitroaniline	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
4-Nitrophenol	NS	NS	0.75 U	0.75 U	0.7 U	0.74 U	0.73 U	0.72 U	0.73 U
Acenaphthene	20	100	0.16 J	0.18 J	0.022 J	0.077 J	0.36 U	0.36 U	0.77
Acenaphthylene	100	100	0.048 J	0.051 J	0.013 J	0.024 J	0.36 U	0.36 U	0.055 J
Acetophenone	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Anthracene	100	100	0.36 J	0.39	0.061 J	0.17 J	0.013 J	0.36 U	2.9
Atrazine	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	0.37 UJ	0.37 UJ	0.34 UJ	0.36 UJ	0.36 UJ	0.36 UJ	0.36 UJ
Benzo(a)Anthracene	**1**	1	0.8	0.46	0.46	0.69	0.042	0.036 U	**5**
Benzo(a)Pyrene	**1**	1	0.76	0.35	0.43	0.67	0.037	0.036 U	**4.6**
Benzo(b)Fluoranthene	**1**	1	0.99	0.41	0.59	0.9	0.044	0.036 U	**6 J**
Benzo(g,h,i)Perylene	100	100	0.38	0.18 J	0.23 J	0.37	0.025 J	0.36 U	1.9
Benzo(k)Fluoranthene	**0.8**	3.9	0.53	0.16	0.22	0.37	0.017 J	0.036 U	**1.9**
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.023 J	0.029 J	0.34 U	0.0056 J	0.36 U	0.36 U	0.038 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.037 U	0.034 U	0.036 U	0.036 U	0.036 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.023 J	0.37 U	0.019 J	0.36 U	0.36 U	0.36 U	0.027 J
Caprolactam	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Carbazole	NS	NS	0.14 J	0.13 J	0.027 J	0.074 J	0.36 U	0.36 U	0.23 J
Chrysene	**1**	3.9	0.85	0.42	0.48	0.71	0.041 J	0.36 U	**4.4**
Dibenz(a,h)Anthracene	**0.33**	0.33	0.11	0.051	0.072	0.11	0.036 U	0.036 U	**0.48**
Dibenzofuran	7	59	0.14 J	0.18 J	0.011 J	0.038 J	0.36 U	0.36 U	0.69
Diethyl Phthalate	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Dimethyl Phthalate	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Fluoranthene	100	100	1.9	1.1	0.69	1.4	0.077 J	0.36 U	NR
Fluorene	30	100	0.17 J	0.21 J	0.013 J	0.061 J	0.005 J	0.36 U	0.27 J
Hexachlorobenzene	0.33	1.2	0.037 U	0.037 U	0.034 U	0.036 U	0.036 U	0.036 U	0.036 U
Hexachlorobutadiene	NS	NS	0.075 U	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U	0.073 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Hexachloroethane	NS	NS	0.037 U	0.037 U	0.034 U	0.036 U	0.036 U	0.036 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.45 J	0.23 J	0.27	0.44	0.026 J	0.036 U	**2.6**
Isophorone	NS	NS	0.15 U	0.15 U	0.14 U	0.15 U	0.15 U	0.14 U	0.15 U
Naphthalene	12	100	0.15 J	0.26 J	0.011 J	0.022 J	0.36 U	0.36 U	0.14 J
Nitrobenzene	NS	NS	0.037 U	0.037 U	0.034 U	0.036 U	0.036 U	0.036 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.037 U	0.034 U	0.036 U	0.036 U	0.036 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Pentachlorophenol	0.8	6.7	0.3 U	0.3 U	0.28 U	0.29 U	0.29 U	0.29 U	0.29 U
Phenanthrene	100	100	1.5	1.4	0.31 J	0.93	0.059 J	0.36 U	2.7
Phenol	0.33	100	0.37 U	0.37 U	0.34 U	0.36 U	0.36 U	0.36 U	0.36 U
Pyrene	100	100	1.7	0.9	0.76	1.4	0.081 J	0.36 U	NR

Table 2
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Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-10_0-2_20220328	RI-SB-10_7-9_20220328	RI-SB-X2_7-9_20220328	RI-SB-10_13-15_20220328	RI-SB-11_0-2_20220324	RI-SB-11_4-6_20220324	RI-SB-11_13-15_20220324
		Laboratory Sample ID	460-255194-9	460-255194-10	460-255194-38	460-255194-11	460-254964-1	460-254964-2	460-254964-3
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/24/2022	3/24/2022	3/24/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	5	1	1	1	5	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	NR	0.036 U	0.035 UJ	0.036 U	0.18 U	0.037 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	NR	0.14 U	0.14 U	0.15 U	0.71 U	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS	NR	0.14 U	0.14 U	0.15 U	0.71 U	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
2,4-Dinitrophenol	NS	NS	NR	0.29 U	0.29 UJ	0.29 U	1.4 U	0.29 U	0.29 U
2,4-Dinitrotoluene	NS	NS	NR	0.073 U	0.072 U	0.073 U	0.36 U	0.074 U	0.072 U
2,6-Dinitrotoluene	NS	NS	NR	0.073 U	0.072 U	0.073 U	0.36 U	0.074 U	0.072 U
2-Chloronaphthalene	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
2-Chlorophenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
2-Methylnaphthalene	NS	NS	NR	0.07 J	0.025 J	0.36 U	0.087 J	0.087 J	0.36 U
2-Methylphenol (O-Cresol)	0.33	100	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
2-Nitroaniline	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
2-Nitrophenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
3- And 4- Methylphenol (Total)	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	NR	0.14 U	0.14 U	0.15 U	0.71 U	0.15 U	0.14 U
3-Nitroaniline	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	NR	0.29 U	0.29 U	0.29 U	1.4 U	0.29 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
4-Chloroaniline	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
4-Methylphenol (P-Cresol)	**0.33**	100	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
4-Nitroaniline	NS	NS	NR	0.36 U	0.35 UJ	0.36 U	1.8 U	0.37 U	0.36 U
4-Nitrophenol	NS	NS	NR	0.73 U	0.72 U	0.73 U	3.6 U	0.74 U	0.72 U
Acenaphthene	20	100	NR	0.51 J	0.15 J	0.36 U	0.33 J	0.42	0.36 U
Acenaphthylene	100	100	NR	0.069 J	0.029 J	0.36 U	0.14 J	0.079 J	0.36 U
Acetophenone	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
Anthracene	100	100	NR	1.2 J	0.33 J	0.36 U	0.8 J	0.95	0.36 U
Atrazine	NS	NS	NR	0.14 U	0.14 U	0.15 U	0.71 U	0.15 U	0.14 U
Benzaldehyde	NS	NS	NR	0.36 UJ	0.35 UJ	0.36 UJ	1.8 UJ	0.37 UJ	0.36 UJ
Benzo(a)Anthracene	**1**	1	NR	**2.4 J**	0.7 J	0.015 J	**3.2**	**2.7**	0.036 U
Benzo(a)Pyrene	**1**	1	NR	**2.1 J**	0.71 J	0.036 U	**2.9**	**2.5**	0.036 U
Benzo(b)Fluoranthene	**1**	1	NR	**2.9 J**	0.8 J	0.0099 J	**4.3**	**3.6**	0.036 U
Benzo(g,h,i)Perylene	100	100	NR	1.5 J	0.37 J	0.36 U	3.5	0.96	0.36 U
Benzo(k)Fluoranthene	**0.8**	3.9	NR	**1.1 J**	0.37 J	0.036 U	**1.7**	**1.4**	0.036 U
Benzyl Butyl Phthalate	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.036 J	0.36 U
Biphenyl (Diphenyl)	NS	NS	NR	0.039 J	0.014 J	0.36 U	0.025 J	0.028 J	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	0.036 U	0.035 U	0.036 U	0.18 U	0.037 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	0.021 J	0.35 U	0.36 U	1.8 U	0.021 J	0.36 U
Caprolactam	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
Carbazole	NS	NS	NR	0.19 J	0.058 J	0.36 U	0.43 J	0.46	0.36 U
Chrysene	**1**	3.9	NR	**2.2 J**	0.76 J	0.0087 J	**3**	**2.6**	0.36 U
Dibenz(a,h)Anthracene	**0.33**	0.33	NR	**0.56 J**	0.11 J	0.036 U	**0.55**	0.32	0.036 U
Dibenzofuran	7	59	NR	0.34 J	0.096 J	0.36 U	0.19 J	0.23 J	0.36 U
Diethyl Phthalate	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
Dimethyl Phthalate	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
Di-N-Octylphthalate	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 UJ	0.37 UJ	0.36 U
Fluoranthene	100	100	11 D	5.3	1.4	0.015 J	5.7	6.1	0.36 U
Fluorene	30	100	NR	0.36	0.12 J	0.36 U	0.3 J	0.38	0.36 U
Hexachlorobenzene	0.33	1.2	NR	0.036 U	0.035 U	0.036 U	0.18 U	0.037 U	0.036 U
Hexachlorobutadiene	NS	NS	NR	0.073 U	0.072 U	0.073 U	0.36 U	0.074 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
Hexachloroethane	NS	NS	NR	0.036 U	0.035 U	0.036 U	0.18 U	0.037 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	NR	**1.9 J**	0.41 J	0.026 J	**3.9**	**1.4**	0.036 U
Isophorone	NS	NS	NR	0.14 U	0.14 U	0.15 U	0.71 U	0.15 U	0.14 U
Naphthalene	12	100	NR	0.13 J	0.043 J	0.36 U	0.15 J	0.16 J	0.36 U
Nitrobenzene	NS	NS	NR	0.036 U	0.035 U	0.036 U	0.18 U	0.037 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	NR	0.036 U	0.035 U	0.036 U	0.18 U	0.037 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
Pentachlorophenol	0.8	6.7	NR	0.29 U	0.29 U	0.29 U	1.4 U	0.29 U	0.29 U
Phenanthrene	100	100	NR	3.6 J	1.2 J	0.0077 J	3.8	4.7	0.36 U
Phenol	0.33	100	NR	0.36 U	0.35 U	0.36 U	1.8 U	0.37 U	0.36 U
Pyrene	100	100	9 D	5 J	1.6 J	0.014 J	5.3	5.2	0.36 U

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-12_0-2_20220328	RI-SB-12_8-10_20220328	RI-SB-12_13-15_20220328	RI-SB-13_0-2_20220328	RI-SB-13_0-2_20220328	RI-SB-13_7-9_20220328	RI-SB-13_13-15_20220328
		Laboratory Sample ID	460-255194-12	460-255194-13	460-255194-14	460-255194-15	460-255194-15	460-255194-16	460-255194-17
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	5	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.036 U	0.037 U	0.036 U	NR	0.035 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.14 U	0.15 U	0.14 U	NR	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.14 U	0.15 U	0.14 U	NR	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.29 U	0.3 U	0.29 U	NR	0.28 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.073 U	0.073 U	0.074 U	0.073 U	NR	0.072 U	0.072 U
2,6-Dinitrotoluene	NS	NS	0.073 U	0.073 U	0.074 U	0.073 U	NR	0.072 U	0.072 U
2-Chloronaphthalene	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
2-Chlorophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
2-Methylnaphthalene	NS	NS	0.063 J	0.36 U	0.37 U	0.14 J	NR	0.011 J	0.36 U
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
2-Nitroaniline	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
2-Nitrophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
3- And 4- Methylphenol (Total)	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.15 U	0.14 U	NR	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 U	0.3 U	0.29 U	NR	0.28 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
4-Chloroaniline	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
4-Nitroaniline	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
4-Nitrophenol	NS	NS	0.73 U	0.73 U	0.74 U	0.73 U	NR	0.72 U	0.72 U
Acenaphthene	20	100	0.46	0.36 U	0.37 U	0.81	NR	0.06 J	0.035 J
Acenaphthylene	100	100	0.09 J	0.36 U	0.37 U	0.24 J	NR	0.022 J	0.011 J
Acetophenone	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Anthracene	100	100	0.93	0.36 U	0.37 U	2.2	NR	0.11 J	0.11 J
Atrazine	NS	NS	0.14 U	0.14 U	0.15 U	0.14 U	NR	0.14 U	0.14 U
Benzaldehyde	NS	NS	0.36 UJ	0.36 UJ	0.37 UJ	0.36 UJ	NR	0.35 UJ	0.36 UJ
Benzo(a)Anthracene	**1**	1	**3**	0.029 J	0.045	**8**	NR	0.33	0.37
Benzo(a)Pyrene	**1**	1	**2.8**	0.023 J	0.035 J	**7.9**	NR	0.31	0.35
Benzo(b)Fluoranthene	**1**	1	**4.3 J**	0.03 J	0.045 J	NR	**9.3 D**	0.4 J	0.48 J
Benzo(g,h,i)Perylene	100	100	1.2	0.015 J	0.022 J	4.5	NR	0.2 J	0.25 J
Benzo(k)Fluoranthene	**0.8**	3.9	**1.7**	0.012 J	0.019 J	**3.7 J**	NR	0.18	0.17
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.025 J	0.36 U	0.37 U	0.057 J	NR	0.35 U	0.0047 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.036 U	0.037 U	0.036 U	NR	0.035 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.027 J	0.36 U	0.37 U	0.034 J	NR	0.35 U	0.36 U
Caprolactam	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Carbazole	NS	NS	0.39	0.36 U	0.37 U	0.82	NR	0.043 J	0.041 J
Chrysene	**1**	3.9	**2.7**	0.025 J	0.033 J	**7.6**	NR	0.3 J	0.33 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.27	0.036 U	0.037 U	**1.1**	NR	0.052	0.058
Dibenzofuran	7	59	0.2 J	0.36 U	0.37 U	0.4	NR	0.034 J	0.016 J
Diethyl Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Dimethyl Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Fluoranthene	100	100	6.2	0.04 J	0.06 J	NR	14 D	0.69	0.76
Fluorene	30	100	0.38	0.36 U	0.37 U	0.54	NR	0.043 J	0.026 J
Hexachlorobenzene	0.33	1.2	0.036 U	0.036 U	0.037 U	0.036 U	NR	0.035 U	0.036 U
Hexachlorobutadiene	NS	NS	0.073 U	0.073 U	0.074 U	0.073 U	NR	0.072 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Hexachloroethane	NS	NS	0.036 U	0.036 U	0.037 U	0.036 U	NR	0.035 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	**1.6**	0.039	0.051	**5.4**	NR	0.28	0.36
Isophorone	NS	NS	0.14 U	0.14 U	0.15 U	0.14 U	NR	0.14 U	0.14 U
Naphthalene	12	100	0.11 J	0.36 U	0.37 U	0.42	NR	0.019 J	0.015 J
Nitrobenzene	NS	NS	0.036 U	0.036 U	0.037 U	0.036 U	NR	0.035 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.036 U	0.037 U	0.036 U	NR	0.035 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Pentachlorophenol	0.8	6.7	0.29 U	0.29 U	0.3 U	0.29 U	NR	0.28 U	0.29 U
Phenanthrene	100	100	3.9	0.019 J	0.028 J	NR	9.1 D	0.55	0.48
Phenol	0.33	100	0.36 U	0.36 U	0.37 U	0.36 U	NR	0.35 U	0.36 U
Pyrene	100	100	5.2	0.04 J	0.059 J	NR	13 D	0.7	0.71

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-14_0-2_20220328	RI-SB-14_5-7_20220328	RI-SB-14_13-15_20220328	RI-SB-15_0-2_20220328	RI-SB-15_7-9_20220328	RI-SB-15_13-15_20220328	RI-SB-16_0-2_20220328
		Laboratory Sample ID	460-255194-18	460-255194-19	460-255194-20	460-255194-21	460-255194-22	460-255194-23	460-255194-24
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	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	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 UJ	0.037 U	0.039 U	0.036 U	0.037 UJ	0.036 UJ	0.037 UJ
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.16 U	0.14 U	0.15 U	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.16 U	0.14 U	0.15 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
2,4-Dinitrophenol	NS	NS	0.3 U	0.3 U	0.31 U	0.29 U	0.29 U	0.29 UJ	0.29 UJ
2,4-Dinitrotoluene	NS	NS	0.075 U	0.075 U	0.078 U	0.072 U	0.074 UJ	0.073 U	0.074 U
2,6-Dinitrotoluene	NS	NS	0.075 U	0.075 U	0.078 U	0.072 U	0.074 U	0.073 U	0.074 U
2-Chloronaphthalene	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
2-Chlorophenol	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
2-Methylnaphthalene	NS	NS	0.37 U	0.014 J	0.39 U	0.062 J	0.37 U	0.36 U	0.041 J
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
2-Nitroaniline	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
2-Nitrophenol	NS	NS	0.37 UJ	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
3- And 4- Methylphenol (Total)	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.025 J
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.16 U	0.14 U	0.15 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.3 U	0.31 U	0.29 U	0.29 U	0.29 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
4-Chloroaniline	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.025 J
4-Nitroaniline	NS	NS	0.37 UJ	0.37 U	0.39 U	0.36 U	0.37 UJ	0.36 UJ	0.37 UJ
4-Nitrophenol	NS	NS	0.75 U	0.75 U	0.78 U	0.72 U	0.74 U	0.73 U	0.74 U
Acenaphthene	20	100	0.37 U	0.05 J	0.051 J	0.23 J	0.37 U	0.36 U	0.19 J
Acenaphthylene	100	100	0.37 U	0.016 J	0.012 J	0.12 J	0.0058 J	0.0038 J	0.074 J
Acetophenone	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Anthracene	100	100	0.025 J	0.11 J	0.12 J	0.76	0.034 J	0.011 J	0.48
Atrazine	NS	NS	0.15 U	0.15 U	0.16 U	0.14 U	0.15 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	0.37 UJ	0.37 UJ	0.39 UJ	0.36 UJ	0.37 UJ	0.36 UJ	0.37 UJ
Benzo(a)Anthracene	**1**	1	0.11	0.32	0.37	**3.2**	0.12	0.034 J	**2.5**
Benzo(a)Pyrene	**1**	1	0.097	0.31	0.3	**3.3**	0.12	0.027 J	**2.6**
Benzo(b)Fluoranthene	**1**	1	0.13	0.43 J	0.41 J	**4.5 J**	0.15	0.033 J	**3.8**
Benzo(g,h,i)Perylene	100	100	0.062 J	0.23 J	0.19 J	1.9	0.068 J	0.015 J	1.4
Benzo(k)Fluoranthene	**0.8**	3.9	0.047	0.15	0.17	**1.7**	0.06	0.013 J	**1.4**
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.37 U	0.39 U	0.024 J	0.37 U	0.36 U	0.014 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.037 U	0.039 U	0.036 U	0.037 U	0.036 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	0.37 U	0.39 U	0.023 J	0.37 U	0.36 U	0.37 U
Caprolactam	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Carbazole	NS	NS	0.37 U	0.047 J	0.057 J	0.32 J	0.37 U	0.36 U	0.23 J
Chrysene	**1**	3.9	0.11 J	0.31 J	0.33 J	**3**	0.11 J	0.027 J	**2.5**
Dibenz(a,h)Anthracene	**0.33**	0.33	0.02 J	0.056	0.059	**0.45**	0.022 J	0.036 U	**0.46**
Dibenzofuran	7	59	0.37 U	0.034 J	0.031 J	0.17 J	0.006 J	0.0051 J	0.089 J
Diethyl Phthalate	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Dimethyl Phthalate	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Fluoranthene	100	100	0.18 J	0.68	0.76	6.5	0.2 J	0.051 J	4.4
Fluorene	30	100	0.0078 J	0.048 J	0.053 J	0.25 J	0.0051 J	0.36 U	0.15 J
Hexachlorobenzene	0.33	1.2	0.037 U	0.037 U	0.039 U	0.036 U	0.037 U	0.036 U	0.037 U
Hexachlorobutadiene	NS	NS	0.075 U	0.075 U	0.078 U	0.072 U	0.074 U	0.073 U	0.074 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Hexachloroethane	NS	NS	0.037 U	0.037 U	0.039 U	0.036 U	0.037 U	0.036 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.069	0.29	0.26	**2.5**	0.078	0.019 J	**1.7**
Isophorone	NS	NS	0.15 U	0.15 U	0.16 U	0.14 U	0.15 U	0.14 U	0.15 U
Naphthalene	12	100	0.37 U	0.024 J	0.013 J	0.091 J	0.37 U	0.36 U	0.083 J
Nitrobenzene	NS	NS	0.037 U	0.037 U	0.039 U	0.036 U	0.037 U	0.036 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.037 U	0.039 U	0.036 U	0.037 U	0.036 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Pentachlorophenol	0.8	6.7	0.3 U	0.3 U	0.31 U	0.29 U	0.29 U	0.29 U	0.29 U
Phenanthrene	100	100	0.11 J	0.48	0.59	3.8	0.075 J	0.043 J	2.3
Phenol	0.33	100	0.37 U	0.37 U	0.39 U	0.36 U	0.37 U	0.36 U	0.37 U
Pyrene	100	100	0.21 J	0.59	0.69	5.9	0.2 J	0.048 J	4.1

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-16_8-10_20220328	RI-SB-X3_8-10_20220328	RI-SB-16_13-15_20220328	RI-SB-17_0-2_20220328	RI-SB-17_7-9_20220328	RI-SB-17_13-15_20220328	RI-SB-18_0-2_20220328
		Laboratory Sample ID	460-255194-25	460-255194-39	460-255194-26	460-255194-27	460-255194-28	460-255194-29	460-255194-30
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.035 UJ	0.038 UJ	0.038 UJ	0.034 UJ	0.035 UJ	0.036 UJ	0.035 UJ
2,3,4,6-Tetrachlorophenol	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
2,4,5-Trichlorophenol	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
2,4-Dinitrophenol	NS	NS	0.29 UJ	0.31 UJ	0.31 UJ	0.28 U	0.29 UJ	0.29 UJ	0.28 UJ
2,4-Dinitrotoluene	NS	NS	0.072 U	0.077 U	0.077 U	0.07 U	0.072 U	0.072 U	0.072 U
2,6-Dinitrotoluene	NS	NS	0.072 U	0.077 U	0.077 U	0.07 U	0.072 U	0.072 U	0.072 U
2-Chloronaphthalene	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
2-Chlorophenol	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
2-Methylnaphthalene	NS	NS	0.35 U	0.38 U	0.38 U	0.033 J	0.021 J	0.36 U	0.35 U
2-Methylphenol (O-Cresol)	0.33	100	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
2-Nitroaniline	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
2-Nitrophenol	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
3- And 4- Methylphenol (Total)	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.31 U	0.31 U	0.28 U	0.29 U	0.29 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
4-Chloroaniline	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
4-Nitroaniline	NS	NS	0.35 UJ	0.38 UJ	0.38 UJ	0.34 UJ	0.35 UJ	0.36 UJ	0.35 UJ
4-Nitrophenol	NS	NS	0.72 U	0.77 U	0.77 U	0.7 U	0.72 U	0.72 U	0.72 U
Acenaphthene	20	100	0.35 U	0.013 J	0.38 U	0.09 J	0.099 J	0.36 U	0.35 U
Acenaphthylene	100	100	0.0038 J	0.0066 J	0.38 U	0.033 J	0.058 J	0.36 U	0.35 U
Acetophenone	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Anthracene	100	100	0.038 J	0.05 J	0.38 U	0.21 J	0.24 J	0.36 U	0.35 U
Atrazine	NS	NS	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	0.35 UJ	0.38 UJ	0.38 UJ	0.34 UJ	0.35 UJ	0.36 UJ	0.35 UJ
Benzo(a)Anthracene	**1**	1	0.16	0.2	0.038 U	0.55	0.93	0.045	0.037
Benzo(a)Pyrene	**1**	1	0.14	0.19	0.038 U	0.5	0.93	0.037	0.031 J
Benzo(b)Fluoranthene	**1**	1	0.19	0.27	0.038 U	0.67	**1.2**	0.057	0.043
Benzo(g,h,i)Perylene	100	100	0.077 J	0.083 J	0.38 U	0.23 J	0.5	0.026 J	0.024 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.079	0.11	0.038 U	0.25	0.48	0.019 J	0.018 J
Benzyl Butyl Phthalate	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Biphenyl (Diphenyl)	NS	NS	0.35 U	0.38 U	0.38 U	0.0098 J	0.01 J	0.36 U	0.35 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.035 U	0.038 U	0.038 U	0.034 U	0.035 U	0.036 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.35 U	0.38 U	0.38 U	0.023 J	0.35 U	0.36 U	0.35 U
Caprolactam	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Carbazole	NS	NS	0.35 U	0.38 U	0.38 U	0.087 J	0.081 J	0.36 U	0.35 U
Chrysene	**1**	3.9	0.15 J	0.2 J	0.38 U	0.53	0.98	0.043 J	0.038 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.021 J	0.033 J	0.038 U	0.079	0.14	0.036 U	0.035 U
Dibenzofuran	7	59	0.0056 J	0.0084 J	0.38 U	0.059 J	0.061 J	0.36 U	0.35 U
Diethyl Phthalate	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Dimethyl Phthalate	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Di-N-Butyl Phthalate	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Di-N-Octylphthalate	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Fluoranthene	100	100	0.28 J	0.33 J	0.38 U	1.2	1.8	0.067 J	0.055 J
Fluorene	30	100	0.0069 J	0.012 J	0.38 U	0.082 J	0.093 J	0.36 U	0.35 U
Hexachlorobenzene	0.33	1.2	0.035 U	0.038 U	0.038 U	0.034 U	0.035 U	0.036 U	0.035 U
Hexachlorobutadiene	NS	NS	0.072 U	0.077 U	0.077 U	0.07 U	0.072 U	0.072 U	0.072 U
Hexachlorocyclopentadiene	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Hexachloroethane	NS	NS	0.035 U	0.038 U	0.038 U	0.034 U	0.035 U	0.036 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.087	0.097	0.038 U	0.27	**0.58**	0.031 J	0.022 J
Isophorone	NS	NS	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.14 U	0.14 U
Naphthalene	12	100	0.0081 J	0.012 J	0.38 U	0.042 J	0.066 J	0.36 U	0.35 U
Nitrobenzene	NS	NS	0.035 U	0.038 U	0.038 U	0.034 U	0.035 U	0.036 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	0.035 U	0.038 U	0.038 U	0.034 U	0.035 U	0.036 U	0.035 U
N-Nitrosodiphenylamine	NS	NS	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Pentachlorophenol	0.8	6.7	0.29 U	0.31 U	0.31 U	0.28 U	0.29 U	0.29 U	0.28 U
Phenanthrene	100	100	0.15 J	0.2 J	0.38 U	0.95	1.1	0.041 J	0.03 J
Phenol	0.33	100	0.35 U	0.38 U	0.38 U	0.34 U	0.35 U	0.36 U	0.35 U
Pyrene	100	100	0.28 J	0.34 J	0.011 J	1.2	2	0.072 J	0.06 J

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-18_4-6_20220328	RI-SB-18_9-11_20220328	RI-SB-18_13-15_20220328	RI-SB-19_0-2_20220323	RI-SB-19_7-9_20220323	RI-SB-19_13-15_20220323	RI-SB-20_0-2_20220328
		Laboratory Sample ID	460-255194-31	460-255194-32	460-255194-33	460-254917-1	460-254917-2	460-254917-3	460-255194-34
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/23/2022	3/23/2022	3/23/2022	3/28/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 UJ	0.036 UJ	0.037 UJ	0.039 U	0.037 U	0.037 U	0.036 UJ
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.29 UJ	0.29 UJ	0.3 UJ	0.32 U	0.3 U	0.3 U	0.29 UJ
2,4-Dinitrotoluene	NS	NS	0.073 U	0.073 U	0.076 U	0.08 U	0.074 U	0.075 U	0.073 U
2,6-Dinitrotoluene	NS	NS	0.073 U	0.073 U	0.076 U	0.08 U	0.074 U	0.075 U	0.073 U
2-Chloronaphthalene	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
2-Chlorophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
2-Methylnaphthalene	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.029 J	0.37 U	0.042 J
2-Methylphenol (O-Cresol)	0.33	100	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
2-Nitroaniline	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
2-Nitrophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
3- And 4- Methylphenol (Total)	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.44	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 U	0.3 U	0.32 U	0.3 U	0.3 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
4-Chloroaniline	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	**0.44**	0.36 U
4-Nitroaniline	NS	NS	0.36 UJ	0.36 UJ	0.37 UJ	0.39 U	0.37 U	0.37 U	0.36 UJ
4-Nitrophenol	NS	NS	0.73 U	0.73 U	0.76 U	0.8 U	0.74 U	0.75 U	0.73 U
Acenaphthene	20	100	0.36 U	0.36 U	0.37 U	0.39 U	0.095 J	0.37 U	0.35 J
Acenaphthylene	100	100	0.36 U	0.36 U	0.37 U	0.39 U	0.032 J	0.37 U	0.13 J
Acetophenone	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
Anthracene	100	100	0.36 U	0.36 U	0.37 U	0.019 J	0.2 J	0.37 U	0.88
Atrazine	NS	NS	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.36 UJ	0.36 UJ	0.37 UJ	0.39 UJ	0.37 UJ	0.37 UJ	0.36 UJ
Benzo(a)Anthracene	**1**	1	0.052	0.036 U	0.022 J	0.081	0.45	0.028 J	**4.5**
Benzo(a)Pyrene	**1**	1	0.035 J	0.036 U	0.018 J	0.072	0.41	0.023 J	**4.6**
Benzo(b)Fluoranthene	**1**	1	0.051	0.036 U	0.022 J	0.092	0.49	0.027 J	**6.7**
Benzo(g,h,i)Perylene	100	100	0.021 J	0.36 U	0.013 J	0.051 J	0.19 J	0.021 J	2.4
Benzo(k)Fluoranthene	**0.8**	3.9	0.022 J	0.036 U	0.0074 J	0.038 J	0.2	0.012 J	**2.8**
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.0088 J	0.37 U	0.017 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.036 U	0.037 U	0.039 U	0.037 U	0.037 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.14 J
Caprolactam	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
Carbazole	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.084 J	0.37 U	0.41
Chrysene	**1**	3.9	0.046 J	0.36 U	0.018 J	0.078 J	0.45	0.02 J	**4.7**
Dibenz(a,h)Anthracene	**0.33**	0.33	0.036 U	0.036 U	0.037 U	0.039 U	0.056	0.037 U	**0.76**
Dibenzofuran	7	59	0.36 U	0.36 U	0.37 U	0.39 U	0.067 J	0.37 U	0.14 J
Diethyl Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
Dimethyl Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
Fluoranthene	100	100	0.075 J	0.36 U	0.029 J	0.15 J	1	0.041 J	7.7
Fluorene	30	100	0.36 U	0.36 U	0.37 U	0.39 U	0.088 J	0.37 U	0.28 J
Hexachlorobenzene	0.33	1.2	0.036 U	0.036 U	0.037 U	0.039 U	0.037 U	0.037 U	0.036 U
Hexachlorobutadiene	NS	NS	0.073 U	0.073 U	0.076 U	0.08 U	0.074 U	0.075 U	0.073 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 UJ	0.36 U
Hexachloroethane	NS	NS	0.036 U	0.036 U	0.037 U	0.039 U	0.037 U	0.037 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.024 J	0.036 U	0.037 U	0.06 J	0.23 J	0.019 J	**2.9**
Isophorone	NS	NS	0.14 U	0.14 U	0.15 U	0.16 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	0.36 U	0.36 U	0.37 U	0.39 U	0.037 J	0.37 U	0.074 J
Nitrobenzene	NS	NS	0.036 U	0.036 U	0.037 U	0.039 U	0.037 U	0.037 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.036 U	0.037 U	0.039 U	0.037 U	0.12	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
Pentachlorophenol	0.8	6.7	0.29 U	0.29 U	0.3 U	0.32 U	0.3 U	0.3 U	0.29 U
Phenanthrene	100	100	0.057 J	0.008 J	0.025 J	0.084 J	0.97	0.037 J	4.3
Phenol	0.33	100	0.36 U	0.36 U	0.37 U	0.39 U	0.37 U	0.37 U	0.36 U
Pyrene	100	100	0.082 J	0.36 U	0.039 J	0.14 J	0.88	0.042 J	7.7

Table 2
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	RI-SB-20_4-6_20220328	RI-SB-20_8-10_20220328	RI-SB-20_13-15_20220328	RI-FB-01_20220323	RI-FB-02_20220330	RI-FB-03_20220404
		Laboratory Sample ID	460-255194-35	460-255194-36	460-255194-37	460-254917-8	460-255299-1	460-255585-11
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/23/2022	3/30/2022	4/04/2022
		Unit	mg/kg	mg/kg	mg/kg	µg/L	µg/L	µg/L
		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	0.4 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 UJ	0.036 UJ	0.04 UJ	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.16 U	10 U	10 U	10 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.16 U	10 U	10 U	10 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
2,4-Dinitrophenol	NS	NS	0.3 UJ	0.29 UJ	0.32 UJ	20 U	20 UJ	20 U
2,4-Dinitrotoluene	NS	NS	0.075 U	0.074 U	0.081 U	2 U	2 U	2 U
2,6-Dinitrotoluene	NS	NS	0.075 U	0.074 U	0.081 U	2 U	2 U	2 U
2-Chloronaphthalene	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
2-Chlorophenol	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	NS	0.37 U	0.011 J	0.034 J	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
2-Nitroaniline	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
2-Nitrophenol	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 UJ	10 U
3- And 4- Methylphenol (Total)	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.16 U	10 U	10 U	10 U
3-Nitroaniline	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 UJ
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.29 U	0.32 U	20 U	20 UJ	20 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
4-Chloroaniline	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	**0.33**	100	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
4-Nitroaniline	NS	NS	0.37 UJ	0.36 UJ	0.4 UJ	10 U	10 U	10 UJ
4-Nitrophenol	NS	NS	0.75 U	0.74 U	0.81 U	20 U	20 U	20 UJ
Acenaphthene	20	100	0.37 U	0.039 J	0.068 J	10 U	10 U	10 U
Acenaphthylene	100	100	0.37 U	0.017 J	0.4 U	10 U	10 U	10 U
Acetophenone	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
Anthracene	100	100	0.018 J	0.097 J	0.086 J	10 U	10 U	10 U
Atrazine	NS	NS	0.15 U	0.15 U	0.16 U	2 U	2 U	2 U
Benzaldehyde	NS	NS	0.37 UJ	0.36 UJ	0.4 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)Anthracene	**1**	1	0.071	0.47	0.18	1 U	1 U	1 U
Benzo(a)Pyrene	**1**	1	0.065	0.48	0.14	1 U	1 U	1 U
Benzo(b)Fluoranthene	**1**	1	0.084	0.74	0.18	2 U	2 U	2 U
Benzo(g,h,i)Perylene	100	100	0.037 J	0.26 J	0.083 J	10 U	10 U	10 U
Benzo(k)Fluoranthene	**0.8**	3.9	0.028 J	0.24	0.074	1 U	1 U	1 U
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.02 J	0.4 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.36 U	0.009 J	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.036 U	0.04 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.36 U	0.4 U	10 UJ	10 U	10 UJ
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	0.36 U	0.4 U	2 U	2 U	2 U
Caprolactam	NS	NS	0.37 U	0.36 U	0.4 U	10 UJ	10 U	10 UJ
Carbazole	NS	NS	0.37 U	0.052 J	0.043 J	10 U	10 U	10 U
Chrysene	**1**	3.9	0.069 J	0.5	0.17 J	2 U	2 U	2 U
Dibenz(a,h)Anthracene	**0.33**	0.33	0.037 U	0.087	0.026 J	1 U	1 U	1 U
Dibenzofuran	7	59	0.37 U	0.02 J	0.054 J	10 U	10 U	10 U
Diethyl Phthalate	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
Dimethyl Phthalate	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
Fluoranthene	100	100	0.13 J	0.81	0.39 J	10 U	10 U	10 U
Fluorene	30	100	0.008 J	0.035 J	0.058 J	10 U	10 U	10 U
Hexachlorobenzene	0.33	1.2	0.037 U	0.036 U	0.04 U	1 U	1 U	1 U
Hexachlorobutadiene	NS	NS	0.075 U	0.074 U	0.081 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
Hexachloroethane	NS	NS	0.037 U	0.036 U	0.04 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.041	0.31	0.095	2 U	2 U	2 UJ
Isophorone	NS	NS	0.15 U	0.15 U	0.16 U	10 U	10 U	10 U
Naphthalene	12	100	0.37 U	0.019 J	0.058 J	2 U	2 U	2 U
Nitrobenzene	NS	NS	0.037 U	0.036 U	0.04 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.036 U	0.04 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
Pentachlorophenol	0.8	6.7	0.3 U	0.29 U	0.32 U	20 U	20 U	20 U
Phenanthrene	100	100	0.085 J	0.47	0.57	10 U	10 U	10 U
Phenol	0.33	100	0.37 U	0.36 U	0.4 U	10 U	10 U	10 U
Pyrene	100	100	0.12 J	0.8	0.41	10 U	10 U	10 U

Table 2
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Subsurface and Remedial Investigations
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

			AKRF Sample ID	RI-EB-01_20220324	RI-EB-03_20220404
			Laboratory Sample ID	460-254964-4	460-255585-12
			Date Sampled	3/24/2022	4/04/2022
			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		0.2 U	0.2 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 UJ
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 UJ
4-Nitrophenol	NS	NS		20 U	20 UJ
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 U
Benzaldehyde	NS	NS		10 UJ	10 UJ
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 UJ	10 UJ
Bis(2-Ethylhexyl) Phthalate	NS	NS		2 U	2 U
Caprolactam	NS	NS		10 UJ	10 UJ
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 UJ
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
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Metals

		AKRF Sample ID	SB-101_0-2_20210806	SB-101_3-5_20210806	SB-101_13-15_20210806	SB-102_0-2_20210806	SB-102_3-5_20210806
		Laboratory Sample ID	460-240404-1	460-240404-2	460-240404-3	460-240404-4	460-240404-5
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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
Aluminum	NS	NS	4,680	6,840	14,700	8,440	7,520
Antimony	NS	NS	0.26 J	1.1 UJ	1.1 U	0.33 J	1.1 U
Arsenic	**13**	16	4.4	1.9	4.5	5.9	2.8
Barium	**350**	400	48.5	37.9 JK	64.9	92	43.1
Beryllium	7.2	72	0.34 J	0.44 J	0.93	0.54	0.47
Cadmium	**2.5**	4.3	0.15 J	1.1 U	0.14 J	0.55 J	1.1 U
Calcium	NS	NS	51,200	1,970 J	1,920	4,220	2,430
Chromium, Hexavalent	**1**	110	2.2 U	2.2 U	2.3 U	2.3 U	2.3 U
Chromium, Total	NS	NS	11.8	19.4	34.3	25.5	20.6
Cobalt	NS	NS	4.3	7.3	12.4	7.6	5.6
Copper	**50**	270	19.3	16.8 JL	31.2	44.1	23.5
Iron	NS	NS	10,800	16,700 J	34,800	21,100	16,700
Lead	**63**	400	**74.4**	9	42.3	**159**	39.4
Magnesium	NS	NS	28,000	2,620	3,960	3,850	2,820
Manganese	1,600	2,000	237	334 J	394	590	329
Mercury	**0.18**	0.81	**0.28**	0.08	0.035	**0.43**	0.059
Nickel	**30**	310	13.4	22.8	**30.3**	**32.9**	19.8
Potassium	NS	NS	671	1,430 JL	1,490	988	1,350
Selenium	**3.9**	180	0.26 J	1.4 U	0.35 J	0.39 J	0.19 J
Silver	**2**	180	1 U	1.1 U	1.1 U	1.1 U	1.1 U
Sodium	NS	NS	216	331 JL	251	236	202
Thallium	NS	NS	0.084 J	0.13 J	0.18 J	0.14 J	0.12 J
Vanadium	NS	NS	20.9	25.6 JL	48.2	33	29.5
Zinc	**109**	10,000	86.7	29.4 J	75.3	**153**	44

Table 3
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Metals

		AKRF Sample ID	SB-102_11-13_20210806	SB-103_0-2_20210806	SB-103_3-5_20210806	SB-103_10-12_20210806	SB-104_0-2_20210806
		Laboratory Sample ID	460-240404-6	460-240404-7	460-240404-8	460-240404-9	460-240404-10
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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
Aluminum	NS	NS	13,500	5,130	10,200	6,260	6,970
Antimony	NS	NS	1.2 U	0.36 J	1 U	0.99 U	0.23 J
Arsenic	**13**	16	4	5.9	2.5	2.3	4.9
Barium	**350**	400	108	129	47.5	52.1	59.2
Beryllium	7.2	72	0.95	0.36 J	0.6	0.4	0.46
Cadmium	**2.5**	4.3	1.2 U	0.41 J	1 U	0.13 J	0.31 J
Calcium	NS	NS	2,190	70,700 JL	933	8,660	3,990
Chromium, Hexavalent	**1**	110	2.4 U	2.1 U	2.2 U	2.1 U	2.2 U
Chromium, Total	NS	NS	36.8	12.3	25.3	26.8	23.9
Cobalt	NS	NS	12	4.7	7.7	5.7	5.8
Copper	**50**	270	39.8	35.2	22.1	22.5	47.8
Iron	NS	NS	28,800	20,700	20,600	15,700	16,400
Lead	**63**	400	60.6	**171**	9.5	48.9	**118**
Magnesium	NS	NS	4,840	37,900	3,120	5,680	3,970
Manganese	1,600	2,000	509	526	366	375	366
Mercury	**0.18**	0.81	**0.63**	**0.51**	0.0042 J	0.061	**0.29**
Nickel	**30**	310	**30.8**	15.2	24.7	16.9	20.4
Potassium	NS	NS	2,370	628	1,640	954	1,050
Selenium	**3.9**	180	0.15 J	0.35 J	0.14 J	0.13 J	0.43 J
Silver	**2**	180	1.2 U	0.13 J	1 U	0.99 U	0.12 J
Sodium	NS	NS	283	441	670	473	270
Thallium	NS	NS	0.24 J	0.14 J	0.14 J	0.093 J	0.14 J
Vanadium	NS	NS	48	17.4	36	25.7	25.9
Zinc	**109**	10,000	74.3	**149**	37	88.1	94.3

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		AKRF Sample ID	SB-104_3-5_20210806	SB-104_8-10_20210806	SB-105_0-2_20210806	SB-105_3-5_20210806	SB-105_13-15_20210806
		Laboratory Sample ID	460-240404-11	460-240404-12	460-240404-13	460-240404-14	460-240404-15
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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
Aluminum	NS	NS	5,880	6,440	5,400	7,630	8,620
Antimony	NS	NS	0.25 J	1 U	3.4	1.1 U	1.1 U
Arsenic	**13**	16	5	2.7	4.9	2.5	2.8
Barium	**350**	400	68.2	43.8	81.5	48.2	52.4
Beryllium	7.2	72	0.4 J	0.5	0.35 J	0.55	0.52
Cadmium	**2.5**	4.3	0.17 J	1 U	0.32 J	1.1 U	1.1 U
Calcium	NS	NS	2,030	965	35,100	2,800	1,290
Chromium, Hexavalent	**1**	110	2.2 U	2.2 U	2.2 U	2.3 U	2.4 U
Chromium, Total	NS	NS	15.7	14.6	54.6	26.7	20.5
Cobalt	NS	NS	5.8	5.6	5.1	6.6	6.4
Copper	**50**	270	49.5	16.8	30.9	21.7	23.2
Iron	NS	NS	13,600	21,200	16,300	16,700	16,500
Lead	**63**	400	**161**	30.6	**234**	10.8	**68.1**
Magnesium	NS	NS	2,030	1,720	19,100	3,320	2,900
Manganese	1,600	2,000	288	231	285	373	256
Mercury	**0.18**	0.81	0.007 J	**0.25**	**0.65**	0.0071 J	**0.28**
Nickel	**30**	310	20.3	12.9	18.2	24.2	19
Potassium	NS	NS	960	874	787	1,400	1,550
Selenium	**3.9**	180	0.47 J	0.17 J	0.24 J	1.3 U	0.32 J
Silver	**2**	180	0.14 J	1 U	1.1 U	1.1 U	1.1 U
Sodium	NS	NS	253	136	248	277	167
Thallium	NS	NS	0.1 J	0.088 J	0.096 J	0.1 J	0.14 J
Vanadium	NS	NS	21	25.7	28.7	29.8	28.8
Zinc	**109**	10,000	70.8	31.7	**144**	34.2	54.4

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		AKRF Sample ID	SB-106_0-2_20210806	SB-106_0-2_20210806	SB-106_3-5_20210806	SB-106_12-14_20210806	SB-107_0-2_20210806
		Laboratory Sample ID	460-240404-16	460-240404-16	460-240404-17	460-240404-18	460-240404-19
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	2	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	12,100	NR	14,000	6,220	7,970
Antimony	NS	NS	1.1	NR	0.2 J	1.2 U	0.76 J
Arsenic	**13**	16	**14**	NR	6.6	3.4	**13.6**
Barium	**350**	400	312	NR	141	46.3	246
Beryllium	7.2	72	1.1	NR	0.76	0.48	0.55
Cadmium	**2.5**	4.3	2.2	NR	0.24 J	1.2 U	1.8
Calcium	NS	NS	16,000	NR	1,600	1,930	14,200
Chromium, Hexavalent	**1**	110	2.4 U	NR	2.4 U	2.5 U	2.2 U
Chromium, Total	NS	NS	24.8	NR	21.8	16	30.2
Cobalt	NS	NS	7.3	NR	8	6.6	6.4
Copper	**50**	270	**100**	NR	34.1	21.5	**128**
Iron	NS	NS	19,700	NR	21,100	14,200	18,000
Lead	**63**	400	**443**	NR	**145**	10.1	**421**
Magnesium	NS	NS	5,440	NR	3,000	2,700	2,270
Manganese	1,600	2,000	NR	1,230	398	294	339
Mercury	**0.18**	0.81	0.15	NR	0.07	0.12	**0.37**
Nickel	**30**	310	**41.9**	NR	23	23.4	**34.4**
Potassium	NS	NS	1,510	NR	883	1,510	898
Selenium	**3.9**	180	1.1 J	NR	0.7 J	1.5 U	1.5
Silver	**2**	180	0.48 J	NR	0.1 J	1.2 U	0.71 J
Sodium	NS	NS	496	NR	306	137	145
Thallium	NS	NS	0.34 J	NR	0.16 J	0.098 J	0.25 J
Vanadium	NS	NS	54.3	NR	33.4	26.1	42.6
Zinc	**109**	10,000	**420**	NR	**117**	32.1	**496**

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		AKRF Sample ID	SB-107_3-5_20210806	SB-107_9-11_20210806	SB-108_0-2_20210806	SB-108_3-5_20210806	SB-108_13-15_20210806
		Laboratory Sample ID	460-240404-20	460-240404-21	460-240404-22	460-240404-23	460-240404-24
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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
Aluminum	NS	NS	8,630	7,250	5,900	7,890	7,770
Antimony	NS	NS	1.1 U	0.17 J	0.25 J	0.23 J	1 U
Arsenic	**13**	16	3.6	3.3	4.9	3.5	2.9
Barium	**350**	400	70.5	49.5	69.9	68.6	35.4
Beryllium	7.2	72	0.54	0.46	0.4	0.47	0.49
Cadmium	**2.5**	4.3	1.1 U	1.1 U	0.34 J	0.24 J	1 U
Calcium	NS	NS	1,300	1,640	56,400 JL	6,650	945
Chromium, Hexavalent	**1**	110	2.2 U	2.3 U	2.1 U	2.2 U	2.2 U
Chromium, Total	NS	NS	19.7	19.5	15	19.1	19.4
Cobalt	NS	NS	6.2	6.7	5.5	6.3	6.4
Copper	**50**	270	26	20.5	35.5	25.8	24.3
Iron	NS	NS	15,700	17,000	12,700	17,000	23,000
Lead	**63**	400	**120**	59.9	**136**	**120**	49.3
Magnesium	NS	NS	2,350	2,320	33,500	3,950	1,670
Manganese	1,600	2,000	199	289	240	335	363
Mercury	**0.18**	0.81	**0.36**	0.14	**0.45**	**0.44**	NR
Nickel	**30**	310	21.5	17.5	17.3	20.4	21.3
Potassium	NS	NS	1,260	952	797	1,760	536
Selenium	**3.9**	180	0.3 J	1.4 U	0.25 J	0.17 J	0.22 J
Silver	**2**	180	1.1 U	1.1 U	0.18 J	0.12 J	1 U
Sodium	NS	NS	77.5 J	75 J	173	173	69.2 J
Thallium	NS	NS	0.11 J	0.095 J	0.099 J	0.13 J	0.08 J
Vanadium	NS	NS	27.3	28.6	23.5	31	30
Zinc	**109**	10,000	76.2	57.6	**136**	99	32.2

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		AKRF Sample ID	SB-108_13-15_20210806	RI-SB-01_0-2_20220328	RI-SB-01_5-7_20220328	RI-SB-01_9-11_20220328	RI-SB-01_13-15_20220328
		Laboratory Sample ID	460-240404-24	460-255194-1	460-255194-2	460-255194-3	460-255194-4
		Date Sampled	8/06/2021	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	5	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	6,000	4,090	10,300	6,600
Antimony	NS	NS	NR	0.13 J	0.87 U	0.88 U	0.85 U
Arsenic	**13**	16	NR	3.6	1.4	2.7	2.5
Barium	**350**	400	NR	53.8	28.3	66.6	29.9
Beryllium	7.2	72	NR	0.38	0.36	0.65	0.33 J
Cadmium	**2.5**	4.3	NR	0.2 J	0.87 U	0.88 U	0.85 U
Calcium	NS	NS	NR	3,250	1,420	1,160	1,300
Chromium, Hexavalent	**1**	110	NR	2.2 U	2.2 U	2.3 U	2.3 U
Chromium, Total	NS	NS	NR	15	11.1	27.2	12.1
Cobalt	NS	NS	NR	5	4.3	9.1	4.2
Copper	**50**	270	NR	20.3	12.1	22.2	11
Iron	NS	NS	NR	14,500	11,000	21,100	12,300
Lead	**63**	400	NR	**82.8**	5.7	21.8	26.8
Magnesium	NS	NS	NR	2,610	1,880	3,870	1,900
Manganese	1,600	2,000	NR	299	184	275	124
Mercury	**0.18**	0.81	**2.6**	0.15	0.015 J	0.088	0.15
Nickel	**30**	310	NR	18.4	13.3	22.8	12.8
Potassium	NS	NS	NR	932	801	1,910	762
Selenium	**3.9**	180	NR	0.32 J	1.1 U	0.15 J	0.27 J
Silver	**2**	180	NR	0.8 U	0.87 U	0.88 U	0.85 U
Sodium	NS	NS	NR	231	122	107	75.8 J
Thallium	NS	NS	NR	0.11 J	0.071 J	0.2 J	0.076 J
Vanadium	NS	NS	NR	21.1	15.5	32.8	16.6
Zinc	**109**	10,000	NR	76	20.9	48	30.5

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		AKRF Sample ID	RI-SB-02_10-12_20220404	RI-SB-02_14-16_20220404	RI-SB-03_10-12_20220404	RI-SB-03_13-15_20220404	RI-SB-04_0-2_20220328
		Laboratory Sample ID	460-255585-3	460-255585-4	460-255585-5	460-255585-6	460-255194-5
		Date Sampled	4/04/2022	4/04/2022	4/04/2022	4/04/2022	3/28/2022
		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
Aluminum	NS	NS	7,940	8,610	8,290	7,200	5,950
Antimony	NS	NS	0.93 U	0.71 J	0.82 U	0.84 U	0.3 JL
Arsenic	**13**	16	2.9	7.4	3.1	3	5.4
Barium	**350**	400	39.4	39.8	33.8	41.4	73.5
Beryllium	7.2	72	0.4	0.43	0.37	0.41	0.41 J
Cadmium	**2.5**	4.3	0.16 J	0.41 J	0.18 J	0.86	0.29 J
Calcium	NS	NS	16,400	7,910	6,110	8,790	29,400
Chromium, Hexavalent	**1**	110	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Chromium, Total	NS	NS	19	22.4	19.8	16.1	18.3 JL
Cobalt	NS	NS	5.6	7.4	5	6.3	5.5 JL
Copper	**50**	270	18.8	26.9	14.2	25.9	30.6 JL
Iron	NS	NS	13,900	29,400	15,900	17,000	15,700
Lead	**63**	400	19.9	31.8	14	43.8	**200 J**
Magnesium	NS	NS	5,810	4,420	3,000	3,190	17,300
Manganese	1,600	2,000	221	310	232	273	265
Mercury	**0.18**	0.81	0.15	0.021	0.1	0.046	NR
Nickel	**30**	310	17	**55.6**	13.9	18.5	16.7 JL
Potassium	NS	NS	929	743	919	1,020	668
Selenium	**3.9**	180	0.19 J	0.35 J	0.2 J	0.18 J	0.49 J
Silver	**2**	180	0.93 U	0.82 U	0.11 J	0.73 J	1.1 U
Sodium	NS	NS	204	187	162	144	244
Thallium	NS	NS	0.087 J	0.087 J	0.082 J	0.084 J	0.1 J
Vanadium	NS	NS	23.6	27.4	22.7	23.1	22.8
Zinc	**109**	10,000	65	**151**	61.4	**215**	**165 JL**

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		AKRF Sample ID	RI-SB-04_0-2_20220328	RI-SB-04_5-7_20220328	RI-SB-04_9-11_20220328	RI-SB-04_13-15_20220328	RI-SB-05_10-12_20220404
		Laboratory Sample ID	460-255194-5	460-255194-6	460-255194-7	460-255194-8	460-255585-7
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	4/04/2022
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	5	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	8,790	9,950	8,210	6,930
Antimony	NS	NS	NR	1.1 U	1.1 U	0.36 J	2
Arsenic	**13**	16	NR	2.9	3.3	5.3	**19.9**
Barium	**350**	400	NR	49.2	55.3	88.6	**357**
Beryllium	7.2	72	NR	0.45	0.48	0.46	0.85
Cadmium	**2.5**	4.3	NR	1.1 U	1.1 U	0.6 J	**4.4**
Calcium	NS	NS	NR	1,260	2,350	9,020	17,800
Chromium, Hexavalent	**1**	110	NR	2.2 U	2.2 U	2.3 U	2.3 U
Chromium, Total	NS	NS	NR	18.8	13.7	22.7	26.6
Cobalt	NS	NS	NR	6.1	5	5.8	10
Copper	**50**	270	NR	21.8	11.7	23.7	**205**
Iron	NS	NS	NR	14,200	15,400	15,000	35,800
Lead	**63**	400	NR	**77.1**	**84.6**	**247**	**1,170**
Magnesium	NS	NS	NR	2,440	1,960	6,300	3,520
Manganese	1,600	2,000	NR	262	296	280	277
Mercury	**0.18**	0.81	**1.1**	**0.21**	**0.47**	0.021	**0.4**
Nickel	**30**	310	NR	21.8	11.8	19.6	**110**
Potassium	NS	NS	NR	1,000	786	964	872
Selenium	**3.9**	180	NR	0.29 J	0.29 J	0.45 J	**4.4**
Silver	**2**	180	NR	1.1 U	1.1 U	0.17 J	1.2
Sodium	NS	NS	NR	226	148	250	519
Thallium	NS	NS	NR	0.1 J	0.1 J	0.12 J	0.16 J
Vanadium	NS	NS	NR	25.3	20.8	27.6	661 JL
Zinc	**109**	10,000	NR	55.3	53.2	**146**	**654**

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		AKRF Sample ID	RI-SB-05_13-15_20220404	RI-SB-06_10-12_20220404	RI-SB-06_14-16_20220404	RI-SB-07_10-12_20220404	RI-SB-07_13-15_20220404
		Laboratory Sample ID	460-255585-8	460-255585-1	460-255585-2	460-255585-9	460-255585-10
		Date Sampled	4/04/2022	4/04/2022	4/04/2022	4/04/2022	4/04/2022
		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
Aluminum	NS	NS	7,680	7,040	9,200	17.1 U	8,320
Antimony	NS	NS	0.57 J	0.85 U	0.18 JL	2.8	0.83 U
Arsenic	**13**	16	8.2	3	3.7	0.85 U	3.4
Barium	**350**	400	189	35.8	42.1	159	50.1
Beryllium	7.2	72	0.58	0.33 J	0.67	0.49	0.45
Cadmium	**2.5**	4.3	0.5 J	0.11 J	0.36 J	**5.5**	0.16 J
Calcium	NS	NS	7,560	18,400	4,280	26,000	3,570
Chromium, Hexavalent	**1**	110	2.2 U	2.2 U	2.3 U	2.3 U	2.2 U
Chromium, Total	NS	NS	22.6	17.7	24.3	1.7 U	22.2
Cobalt	NS	NS	6.2	4.9	5.9	1.7 U	5.6
Copper	**50**	270	**77.1**	17.8	17.3	1.7 U	16
Iron	NS	NS	19,100	13,200	17,600	24,400	16,900
Lead	**63**	400	**98.6**	15	21.6	**284**	15.1
Magnesium	NS	NS	2,710	5,990	3,320	85.4 U	2,510
Manganese	1,600	2,000	226	206	358	3.4 U	459
Mercury	**0.18**	0.81	0.14	0.028	0.037	0.18	0.049
Nickel	**30**	310	**40.7**	13.8	20.5 JL	1.7 U	15
Potassium	NS	NS	891	811	1,090	85.4 U	810
Selenium	**3.9**	180	1.6	0.14 J	0.35 J	1.3	0.17 J
Silver	**2**	180	0.63 J	0.16 J	0.14 J	**5**	0.83 U
Sodium	NS	NS	325	191	182	85.4 U	182
Thallium	NS	NS	0.13 J	0.073 J	0.3 J	2	0.11 J
Vanadium	NS	NS	156	21.1	26.8	1.7 U	23.7
Zinc	**109**	10,000	**166**	47.7	79 JL	6.8 U	49.3

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		AKRF Sample ID	RI-SB-08_0-2_20220323	RI-SB-X_0-2_20220323	RI-SB-08_4-6_20220323	RI-SB-08_13-15_20220323	RI-SB-09_0-2_20220325
		Laboratory Sample ID	460-254917-4	460-254917-7	460-254917-5	460-254917-6	460-255075-1
		Date Sampled	3/23/2022	3/23/2022	3/23/2022	3/23/2022	3/25/2022
		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
Aluminum	NS	NS	6,680	6,360	6,130	9,700	2,500
Antimony	NS	NS	1.6	2.4	0.54 J	1.1 U	0.15 J
Arsenic	**13**	16	9.7	11.8	6.5	3.1	4.3
Barium	**350**	400	179 J	297 J	124	41.2	17.4
Beryllium	7.2	72	0.46	0.46	0.39 J	0.46	0.19 J
Cadmium	**2.5**	4.3	1.4	1.7	1.4	1.1 U	1 U
Calcium	NS	NS	8,230 J	11,400 J	11,800	1,110	124,000 JL
Chromium, Hexavalent	**1**	110	2.3 U	2.2 U	2.3 U	0.59 U	2.1 U
Chromium, Total	NS	NS	15.8	18.1	16.9	19.3	6.7
Cobalt	NS	NS	5.6	5.9	5.5	6.4	2.9
Copper	**50**	270	**72.6**	**118**	48.4	20.8	23.1
Iron	NS	NS	15,200	17,700	23,100	15,600	6,890
Lead	**63**	400	**315**	**399**	**341**	37	42.7
Magnesium	NS	NS	2,630	2,640	6,310	2,610	69,000 JL
Manganese	1,600	2,000	219	291	268	289	164
Mercury	**0.18**	0.81	**0.4**	**0.43**	**0.52**	**0.3**	**0.27**
Nickel	**30**	310	27.6	**30.8**	17.2	20.3	8.9
Potassium	NS	NS	704	688	666	1,010	361
Selenium	**3.9**	180	1.1 J	1.2 J	0.71 J	0.15 J	1.3 U
Silver	**2**	180	0.41 J	0.47 J	0.17 J	1.1 U	1 U
Sodium	NS	NS	287	300	233	140	161
Thallium	NS	NS	0.13 J	0.16 J	0.092 J	0.077 J	0.062 J
Vanadium	NS	NS	42.9	46.6	24.3	26	12.7
Zinc	**109**	10,000	**326 J**	**451 J**	**1,450**	42.3	37.6

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		AKRF Sample ID	RI-SB-09_5-7_20220325	RI-SB-09_9-11_20220325	RI-SB-09_13-15_20220325	RI-SB-10_0-2_20220328	RI-SB-10_7-9_20220328
		Laboratory Sample ID	460-255075-2	460-255075-3	460-255075-4	460-255194-9	460-255194-10
		Date Sampled	3/25/2022	3/25/2022	3/25/2022	3/28/2022	3/28/2022
		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
Aluminum	NS	NS	6,920	6,490	7,410	6,130	7,830
Antimony	NS	NS	0.27 J	1 U	1 U	0.79 U	0.81 U
Arsenic	**13**	16	5.2	2	2.1	2.8	1.7
Barium	**350**	400	103	38.3	47.1	44.1	76
Beryllium	7.2	72	0.48	0.44	0.47	0.34	0.33
Cadmium	**2.5**	4.3	0.25 J	1 U	1 U	0.69 J	0.81 U
Calcium	NS	NS	9,970	1,130	1,240	2,700	4,540
Chromium, Hexavalent	**1**	110	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Chromium, Total	NS	NS	15.3	18.4	23.5	13.1	21.7
Cobalt	NS	NS	6	6.2	6.6	4.7	6.8
Copper	**50**	270	38.6	21.5	31.8	25.4	20.4
Iron	NS	NS	15,000	15,200	15,700	11,300	16,400
Lead	**63**	400	**279**	16.2	7	**68.9**	18.6
Magnesium	NS	NS	2,140	2,450	2,870	2,030	4,720
Manganese	1,600	2,000	288	349	360	212	358
Mercury	**0.18**	0.81	**0.29**	0.16	0.018 U	**0.42**	0.012 J
Nickel	**30**	310	17.2	20.6	23.2	15.2	17.4
Potassium	NS	NS	1,060	1,060	1,090	744	3,850
Selenium	**3.9**	180	0.61 J	1.3 U	1.3 U	0.24 J	1 U
Silver	**2**	180	0.14 J	1 U	1 U	0.79 U	0.81 U
Sodium	NS	NS	318	379	361	240	208
Thallium	NS	NS	0.1 J	0.088 J	0.077 J	0.089 J	0.22 J
Vanadium	NS	NS	19.8	22.5	25.2	19.7	29.6
Zinc	**109**	10,000	**135**	35.1	33.8	**203**	51.1

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		AKRF Sample ID	RI-SB-X2_7-9_20220328	RI-SB-10_13-15_20220328	RI-SB-11_0-2_20220324	RI-SB-11_4-6_20220324	RI-SB-11_13-15_20220324
		Laboratory Sample ID	460-255194-38	460-255194-11	460-254964-1	460-254964-2	460-254964-3
		Date Sampled	3/28/2022	3/28/2022	3/24/2022	3/24/2022	3/24/2022
		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
Aluminum	NS	NS	9,760	3,880	5,940	7,340	7,470
Antimony	NS	NS	1.3 J	0.85 U	0.15 J	0.17 J	1 U
Arsenic	**13**	16	2.1	1.4	3.1	5	2
Barium	**350**	400	78.3	31.2	44.8	62	33.3
Beryllium	7.2	72	0.44	0.25 J	0.39 J	0.43	0.4
Cadmium	**2.5**	4.3	1 U	0.85 U	0.15 J	0.32 J	1 U
Calcium	NS	NS	4,870	724	15,000	2,190	783
Chromium, Hexavalent	**1**	110	2.1 U	2.2 U	**2.8**	2.2 U	2.2 U
Chromium, Total	NS	NS	28.8	10.1	12.4	17.6	16.8
Cobalt	NS	NS	9.2	4.3	4.9	7.2	6.1
Copper	**50**	270	30.7	9.6	31.3	33	19.2
Iron	NS	NS	21,600	9,940	11,900	18,000	13,200
Lead	**63**	400	23.4	4.3	**87.1**	**124**	7.8
Magnesium	NS	NS	5,180	1,510	9,300	2,790	2,590
Manganese	1,600	2,000	421	287	318	369	313
Mercury	**0.18**	0.81	0.029	0.01 J	**0.4**	0.18	0.018 U
Nickel	**30**	310	23.1	10.6	14.5	25.9	19.3
Potassium	NS	NS	4,070	717	763	1,030	890
Selenium	**3.9**	180	0.16 J	1.1 U	0.33 J	0.34 J	1.3 U
Silver	**2**	180	1 U	0.85 U	1 U	0.17 J	1 U
Sodium	NS	NS	243	136	131	212	82.4 J
Thallium	NS	NS	0.25 J	0.059 J	0.077 J	0.098 J	0.075 J
Vanadium	NS	NS	37.2	14.2	21.6	23.4	24.1
Zinc	**109**	10,000	59.1	18.5	70.6	**130**	28.8

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		AKRF Sample ID	RI-SB-12_0-2_20220328	RI-SB-12_8-10_20220328	RI-SB-12_13-15_20220328	RI-SB-13_0-2_20220328	RI-SB-13_7-9_20220328
		Laboratory Sample ID	460-255194-12	460-255194-13	460-255194-14	460-255194-15	460-255194-16
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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
Aluminum	NS	NS	3,730	6,120	8,080	7,550	7,370
Antimony	NS	NS	1 U	0.17 J	1 U	1 U	1 U
Arsenic	**13**	16	6.2	2.4	2.7	3.5	2.2
Barium	**350**	400	48.6	36.1	35.2	54.6	46.9
Beryllium	7.2	72	0.34 J	0.34 J	0.46	0.4 J	0.39 J
Cadmium	**2.5**	4.3	0.23 J	0.19 J	1 U	0.12 J	1 U
Calcium	NS	NS	55,200 JL	1,060	754	4,180	1,510
Chromium, Hexavalent	**1**	110	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Chromium, Total	NS	NS	10.5	16.5	20	15.7	16.6
Cobalt	NS	NS	3.9	5.3	4.8	5.8	5.9
Copper	**50**	270	**117**	19.2	12.4	28.6	17.8
Iron	NS	NS	11,400	12,900	44,800	17,400	13,300
Lead	**63**	400	49.3	7.3	15.3	**112**	26.2
Magnesium	NS	NS	30,300	2,380	2,200	2,060	2,890
Manganese	1,600	2,000	242	280	252	300	288
Mercury	**0.18**	0.81	0.18	0.018 U	0.018 J	**0.19**	0.033
Nickel	**30**	310	15.2	15.3	14	16.3	21.2
Potassium	NS	NS	683	1,190	770	846	1,640
Selenium	**3.9**	180	0.32 J	1.3 U	0.25 J	0.31 J	0.13 J
Silver	**2**	180	1 U	1 U	1 U	0.097 J	1 U
Sodium	NS	NS	244	212	140	199	91.6 J
Thallium	NS	NS	0.11 J	0.097 J	0.094 J	0.092 J	0.12 J
Vanadium	NS	NS	24.8	21.5	36.6	24.9	24.9
Zinc	**109**	10,000	**141**	27.9	26.4	77	34.8

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		AKRF Sample ID	RI-SB-13_13-15_20220328	RI-SB-14_0-2_20220328	RI-SB-14_5-7_20220328	RI-SB-14_13-15_20220328	RI-SB-15_0-2_20220328
		Laboratory Sample ID	460-255194-17	460-255194-18	460-255194-19	460-255194-20	460-255194-21
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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
Aluminum	NS	NS	7,910	6,910	6,210	5,310	7,840
Antimony	NS	NS	1 U	0.85 UJ	0.8 U	0.96 U	1.1 U
Arsenic	**13**	16	2.3	2.3	1.9	1.8	3.5
Barium	**350**	400	53.1	33.9 J	34.8	22.6	48.9
Beryllium	7.2	72	0.5	0.37	0.29 J	0.34 J	0.42
Cadmium	**2.5**	4.3	1 U	0.85 U	0.8 U	0.96 U	1.1 U
Calcium	NS	NS	1,760	1,100 JK	1,700	750	5,020
Chromium, Hexavalent	**1**	110	2.2 U	2.3 U	2.2 U	2.3 U	2.2 U
Chromium, Total	NS	NS	15.9	14.9	13	15.1	16.1
Cobalt	NS	NS	6	4.9 JL	4.2	4.3	5.6
Copper	**50**	270	28.1	14.8	14.8	13.9	21.5
Iron	NS	NS	17,200	13,900 J	9,440	12,300	14,200
Lead	**63**	400	38	16.7 JK	29.2	6.5	**64.2**
Magnesium	NS	NS	2,560	2,470	1,670	1,850	3,970
Manganese	1,600	2,000	388	328 J	163	273	333
Mercury	**0.18**	0.81	0.033	0.073	0.073	0.097	**0.25**
Nickel	**30**	310	19.9	16.3	13.1	16.5	18.4
Potassium	NS	NS	901	984	659	818	939
Selenium	**3.9**	180	0.2 J	1.1 U	0.15 J	1.2 U	0.29 J
Silver	**2**	180	1 U	0.85 U	0.8 U	0.96 U	1.1 U
Sodium	NS	NS	84.4 J	118	106	116	262
Thallium	NS	NS	0.11 J	0.092 J	0.054 J	0.064 J	0.11 J
Vanadium	NS	NS	27	23.8 JL	16.6	18	23.9
Zinc	**109**	10,000	48.5	37.8 JL	28.7	23.2	56.4

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		AKRF Sample ID	RI-SB-15_7-9_20220328	RI-SB-15_13-15_20220328	RI-SB-16_0-2_20220328	RI-SB-16_8-10_20220328	RI-SB-X3_8-10_20220328
		Laboratory Sample ID	460-255194-22	460-255194-23	460-255194-24	460-255194-25	460-255194-39
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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
Aluminum	NS	NS	6,720	10,200	6,330	5,770	6,400
Antimony	NS	NS	1.1 U	1 U	1 U	1.1 U	1.1 U
Arsenic	**13**	16	2.2	1.7	3.4	1.8	2.2
Barium	**350**	400	43.5	45.6	162	30.2	42
Beryllium	7.2	72	0.45	0.49	0.38 J	0.36 J	0.42 J
Cadmium	**2.5**	4.3	0.14 J	1 U	0.51 J	1.1 U	0.12 J
Calcium	NS	NS	1,980	1,700	17,600	2,370 J	6,800 J
Chromium, Hexavalent	**1**	110	2.2 U	2.2 U	2.2 U	2.2 U	2.3 U
Chromium, Total	NS	NS	18.5	22.7	13.4	14.4	15.5
Cobalt	NS	NS	6.7	6.6	5.1	5	5
Copper	**50**	270	19.1	18.2	24.2	12	17.3
Iron	NS	NS	20,600	16,300	14,200	12,100	13,300
Lead	**63**	400	13.2	6.7	**102**	15.7 J	34.2 J
Magnesium	NS	NS	2,890	3,540	10,900	3,040	3,010
Manganese	1,600	2,000	430	212	253	179	250
Mercury	**0.18**	0.81	**0.39**	0.017 U	**0.53**	0.17	0.15
Nickel	**30**	310	17.2	17.9	16.7	16.6	16.1
Potassium	NS	NS	1,540	1,490	990	809	949
Selenium	**3.9**	180	0.22 J	0.15 J	0.36 J	1.3 U	0.15 J
Silver	**2**	180	1.1 U	1 U	1 U	1.1 U	1.1 U
Sodium	NS	NS	157	196	194	95.9 J	113
Thallium	NS	NS	0.13 J	0.11 J	0.097 J	0.075 J	0.077 J
Vanadium	NS	NS	25.2	27.6	18.9	20.1	22.4
Zinc	**109**	10,000	42.3	30.2	**502**	44.7	58.3

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		AKRF Sample ID	RI-SB-16_13-15_20220328	RI-SB-17_0-2_20220328	RI-SB-17_7-9_20220328	RI-SB-17_13-15_20220328	RI-SB-18_0-2_20220328
		Laboratory Sample ID	460-255194-26	460-255194-27	460-255194-28	460-255194-29	460-255194-30
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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
Aluminum	NS	NS	7,750	4,470	4,520	6,550	5,650
Antimony	NS	NS	1.1 U	0.81 U	0.8 U	0.83 U	1 U
Arsenic	**13**	16	2.1	1.8	1.4	2.6	2.9
Barium	**350**	400	41.7	29.7	34.4	29.2	32.9
Beryllium	7.2	72	0.49	0.26 J	0.31 J	0.31 J	0.33 J
Cadmium	**2.5**	4.3	1.1 U	0.81 U	0.8 U	0.83 U	1 U
Calcium	NS	NS	1,060	7,840	477	755	4,320
Chromium, Hexavalent	**1**	110	2.3 U	2.1 U	2.1 U	2.2 U	2.1 U
Chromium, Total	NS	NS	17.5	12.7	9.4	9.8	15.6
Cobalt	NS	NS	6.4	4.1	3.7	4.1	5.2
Copper	**50**	270	14.9	15	10.7	10.8	18.1
Iron	NS	NS	15,600	10,300	12,800	11,700	12,600
Lead	**63**	400	6.9	11.8	5.2	14.1	**107**
Magnesium	NS	NS	2,310	5,160	1,450	1,610	3,140
Manganese	1,600	2,000	210	234	299	306	254
Mercury	**0.18**	0.81	0.04	0.049	0.015 J	0.072	0.1
Nickel	**30**	310	17.4	14	9.2	10.3	15.4
Potassium	NS	NS	1,220	1,430	580	532	956
Selenium	**3.9**	180	1.4 U	1 U	0.99 U	0.18 J	1.2 U
Silver	**2**	180	1.1 U	0.81 U	0.8 U	0.83 U	1 U
Sodium	NS	NS	70.3 J	183	96.8	78 J	97.1 J
Thallium	NS	NS	0.09 J	0.076 J	0.089 J	0.068 J	0.083 J
Vanadium	NS	NS	25	19.6	16.8	14.7	26.2
Zinc	**109**	10,000	26.2	24.3	19.2	20.6	47.9

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		AKRF Sample ID	RI-SB-18_4-6_20220328	RI-SB-18_9-11_20220328	RI-SB-18_13-15_20220328	RI-SB-19_0-2_20220323	RI-SB-19_7-9_20220323
		Laboratory Sample ID	460-255194-31	460-255194-32	460-255194-33	460-254917-1	460-254917-2
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/23/2022	3/23/2022
		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
Aluminum	NS	NS	13,400	7,490	14,700	5,670	3,220
Antimony	NS	NS	1.1 U	1.1 U	1.1 U	1.1 U	0.33 J
Arsenic	**13**	16	4.3	1.9	7.1	4	2
Barium	**350**	400	61.1	38.9	56.7	49.2	22.6
Beryllium	7.2	72	0.63	0.44	0.86	0.59	0.21 J
Cadmium	**2.5**	4.3	1.1 U	1.1 U	0.4 J	0.41 J	1 U
Calcium	NS	NS	2,080	2,170	1,220	2,040	87,300 JL
Chromium, Hexavalent	**1**	110	2.2 U	2.2 U	2.2 U	**2.2 J**	2.2 U
Chromium, Total	NS	NS	17.1	16	36.4	14.5	14
Cobalt	NS	NS	9.9	6.2	14.5	5.8	3.1
Copper	**50**	270	15.4	15.9	26.2	27.8	**89.3**
Iron	NS	NS	20,800	15,000	21,600	22,200	8,100
Lead	**63**	400	18.4	33.1	**157**	61.4	47.9
Magnesium	NS	NS	2,040	2,920	7,410	2,100	48,900
Manganese	1,600	2,000	943	478	344	399	181
Mercury	**0.18**	0.81	0.017 U	0.017 U	0.038	0.019 U	0.085
Nickel	**30**	310	12.4	17.1	26	18.6	11.5
Potassium	NS	NS	781	1,040	483	877	522
Selenium	**3.9**	180	0.48 J	1.3 U	0.42 J	0.16 J	1.3 U
Silver	**2**	180	1.1 U	1.1 U	1.1 U	1.1 U	1 U
Sodium	NS	NS	78.1 J	86.1 J	101 J	211	233
Thallium	NS	NS	0.16 J	0.11 J	0.13 J	0.1 J	0.42 U
Vanadium	NS	NS	28.8	22.6	41.9	22.6	21.2
Zinc	**109**	10,000	35	29.3	**125**	**143**	27.8

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		AKRF Sample ID	RI-SB-19_13-15_20220323	RI-SB-20_0-2_20220328	RI-SB-20_4-6_20220328	RI-SB-20_8-10_20220328	RI-SB-20_13-15_20220328
		Laboratory Sample ID	460-254917-3	460-255194-34	460-255194-35	460-255194-36	460-255194-37
		Date Sampled	3/23/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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
Aluminum	NS	NS	7,210	4,940	6,610	9,750	5,900
Antimony	NS	NS	0.18 JL	0.82 U	0.67 J	0.84 U	NR
Arsenic	**13**	16	2	1.9	3.1	2.2	5
Barium	**350**	400	35.3 JK	30.4	59.8	53.7	53
Beryllium	7.2	72	0.41 J	0.28 J	0.36	0.59	0.33 J
Cadmium	**2.5**	4.3	1.1 U	0.82 U	0.17 J	0.84 U	NR
Calcium	NS	NS	12,300 J	2,090	3,410	1,210	3,420
Chromium, Hexavalent	**1**	110	2.3 U	2.2 U	2.2 U	2.2 U	2.4 U
Chromium, Total	NS	NS	17.5	15.1	20.5	27.1	21.4
Cobalt	NS	NS	7.1 JL	3	5.7	8.1	5.3
Copper	**50**	270	48.2 J	12.4	24.2	20.3	46
Iron	NS	NS	14,200	10,300	14,200	24,700	14,800
Lead	**63**	400	19.4 JK	13	**180**	13.1	NR
Magnesium	NS	NS	9,690 J	2,020	2,640	3,140	4,250
Manganese	1,600	2,000	313	77.2	326	317	381
Mercury	**0.18**	0.81	0.11	0.17	**0.22**	0.021	0.02 U
Nickel	**30**	310	26.4 JL	13.6	21.3	20.5	15.2
Potassium	NS	NS	785	745	1,250	1,700	1,730
Selenium	**3.9**	180	0.18 J	1 U	0.3 J	0.16 J	0.14 J
Silver	**2**	180	1.1 U	0.82 U	0.85 U	0.84 U	NR
Sodium	NS	NS	179	103	157	68.1 J	103
Thallium	NS	NS	0.083 J	0.059 J	0.099 J	0.16 J	NR
Vanadium	NS	NS	21	17.3	21.4	37	23.7
Zinc	**109**	10,000	28.7	29.3	66.6	44.9	**115**

Table 3
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Metals

		AKRF Sample ID	RI-SB-20_13-15_20220328	RI-SB-20_13-15_20220328	RI-FB-01_20220323	RI-FB-02_20220330	RI-FB-03_20220404
		Laboratory Sample ID	460-255194-37	460-255194-37	460-254917-8	460-255299-1	460-255585-11
		Date Sampled	3/28/2022	3/28/2022	3/23/2022	3/30/2022	4/04/2022
		Unit	mg/kg	mg/kg	µg/L	µg/L	µg/L
		Dilution Factor	10	20	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	NR	40 U	40 U	40 U
Antimony	NS	NS	NR	281	2 U	2 U	2 U
Arsenic	**13**	16	NR	NR	2 U	2 U	2 U
Barium	**350**	400	NR	NR	4 U	4 U	4 U
Beryllium	7.2	72	NR	NR	0.8 U	0.8 U	0.8 U
Cadmium	**2.5**	4.3	9.3 U	NR	2 U	2 U	2 U
Calcium	NS	NS	NR	NR	500 U	500 U	500 U
Chromium, Hexavalent	**1**	110	NR	NR	10 U	10 U	10 U
Chromium, Total	NS	NS	NR	NR	4 U	4 U	4 U
Cobalt	NS	NS	NR	NR	4 U	4 U	4 U
Copper	**50**	270	NR	NR	4 U	4 U	4 U
Iron	NS	NS	NR	NR	120 U	120 U	120 U
Lead	**63**	400	**12,100**	NR	1.2 U	1.2 U	1.2 U
Magnesium	NS	NS	NR	NR	200 U	200 U	200 U
Manganese	1,600	2,000	NR	NR	8 U	8 U	8 U
Mercury	**0.18**	0.81	NR	NR	0.2 U	0.2 U	0.2 U
Nickel	**30**	310	NR	NR	4 U	4 U	4 U
Potassium	NS	NS	NR	NR	200 U	200 U	200 U
Selenium	**3.9**	180	NR	NR	2.5 U	2.5 U	2.5 U
Silver	**2**	180	9.3 U	NR	2 U	2 U	2 U
Sodium	NS	NS	NR	NR	500 U	500 U	500 U
Thallium	NS	NS	3.7 U	NR	0.8 U	0.8 U	0.8 U
Vanadium	NS	NS	NR	NR	4 U	4 U	4 U
Zinc	**109**	10,000	NR	NR	16 U	16 U	16 U

Table 3
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Metals

			AKRF Sample ID	RI-EB-01_20220324	RI-EB-03_20220404
			Laboratory Sample ID	460-254964-4	460-255585-12
			Date Sampled	3/24/2022	4/04/2022
			Unit	µg/L	µg/L
			Dilution Factor	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**		CONC Q	CONC Q
Aluminum	NS	NS		40 U	40 U
Antimony	NS	NS		2 U	2 U
Arsenic	**13**	16		2 U	2 U
Barium	**350**	400		4 U	4 U
Beryllium	7.2	72		0.8 U	0.8 U
Cadmium	**2.5**	4.3		2 U	2 U
Calcium	NS	NS		500 U	500 U
Chromium, Hexavalent	**1**	110		10 U	10 U
Chromium, Total	NS	NS		4 U	4 U
Cobalt	NS	NS		4 U	4 U
Copper	**50**	270		4 U	4 U
Iron	NS	NS		120 U	120 U
Lead	**63**	400		1.2 U	1.2 U
Magnesium	NS	NS		200 U	200 U
Manganese	1,600	2,000		8 U	8 U
Mercury	**0.18**	0.81		0.2 U	0.2 U
Nickel	**30**	310		4 U	4 U
Potassium	NS	NS		200 U	200 U
Selenium	**3.9**	180		2.5 U	2.5 U
Silver	**2**	180		2 U	2 U
Sodium	NS	NS		500 U	500 U
Thallium	NS	NS		0.8 U	0.8 U
Vanadium	NS	NS		4 U	4 U
Zinc	**109**	10,000		16 U	16 U

Table 4
975 Nostrand Avenue
Brooklyn, NY
Remedial Investigation
Soil Analytical Results of Toxicity Characteristic Leaching Procedure (TCLP) Lead

	AKRF Sample ID	RI-SB-20_13-15_20220328
	Laboratory Sample ID	460-255194-37
	Date Sampled	3/28/2022
	Unit	mg/l
	Dilution Factor	10
Compound	**EPA Hazardous Waste**	CONC Q
Lead	5	0.012 U

Table 5
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	SB-101_0-2_20210806	SB-101_3-5_20210806	SB-101_13-15_20210806	SB-102_0-2_20210806	SB-102_3-5_20210806
		Laboratory Sample ID	460-240404-1	460-240404-2	460-240404-3	460-240404-4	460-240404-5
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U
PCB-1221 (Aroclor 1221)	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U
PCB-1232 (Aroclor 1232)	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U
PCB-1242 (Aroclor 1242)	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U
PCB-1248 (Aroclor 1248)	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U
PCB-1254 (Aroclor 1254)	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U
PCB-1260 (Aroclor 1260)	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U
PCB-1262 (Aroclor 1262)	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U
PCB-1268 (Aroclor 1268)	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U
Total PCBs	0.1	1	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U

Table 5
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	SB-102_11-13_20210806	SB-103_0-2_20210806	SB-103_3-5_20210806	SB-103_10-12_20210806	SB-104_0-2_20210806
		Laboratory Sample ID	460-240404-6	460-240404-7	460-240404-8	460-240404-9	460-240404-10
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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	0.082 U	0.072 U	0.074 U	0.071 U	0.073 U
PCB-1221 (Aroclor 1221)	NS	NS	0.082 U	0.072 U	0.074 U	0.071 U	0.073 U
PCB-1232 (Aroclor 1232)	NS	NS	0.082 U	0.072 U	0.074 U	0.071 U	0.073 U
PCB-1242 (Aroclor 1242)	NS	NS	0.082 U	0.072 U	0.074 U	0.071 U	0.073 U
PCB-1248 (Aroclor 1248)	NS	NS	0.082 U	0.072 U	0.074 U	0.071 U	0.073 U
PCB-1254 (Aroclor 1254)	NS	NS	0.082 U	0.072 U	0.074 U	0.071 U	0.073 U
PCB-1260 (Aroclor 1260)	NS	NS	0.082 U	0.072 U	0.074 U	0.071 U	0.073 U
PCB-1262 (Aroclor 1262)	NS	NS	0.082 U	0.072 U	0.074 U	0.071 U	0.073 U
PCB-1268 (Aroclor 1268)	NS	NS	0.082 U	0.072 U	0.074 U	0.071 U	0.073 U
Total PCBs	0.1	1	0.082 U	0.072 U	0.074 U	0.071 U	0.073 U

Table 5
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	SB-104_3-5_20210806	SB-104_8-10_20210806	SB-105_0-2_20210806	SB-105_3-5_20210806	SB-105_13-15_20210806
		Laboratory Sample ID	460-240404-11	460-240404-12	460-240404-13	460-240404-14	460-240404-15
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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	0.074 U	0.072 U	0.076 U	0.076 U	0.082 U
PCB-1221 (Aroclor 1221)	NS	NS	0.074 U	0.072 U	0.076 U	0.076 U	0.082 U
PCB-1232 (Aroclor 1232)	NS	NS	0.074 U	0.072 U	0.076 U	0.076 U	0.082 U
PCB-1242 (Aroclor 1242)	NS	NS	0.074 U	0.072 U	0.076 U	0.076 U	0.082 U
PCB-1248 (Aroclor 1248)	NS	NS	0.074 U	0.072 U	0.076 U	0.076 U	0.082 U
PCB-1254 (Aroclor 1254)	NS	NS	0.074 U	0.072 U	0.076 U	0.076 U	0.082 U
PCB-1260 (Aroclor 1260)	NS	NS	0.074 U	0.072 U	0.076 U	0.076 U	0.082 U
PCB-1262 (Aroclor 1262)	NS	NS	0.074 U	0.072 U	0.076 U	0.076 U	0.082 U
PCB-1268 (Aroclor 1268)	NS	NS	0.074 U	0.072 U	0.076 U	0.076 U	0.082 U
Total PCBs	0.1	1	0.074 U	0.072 U	0.076 U	0.076 U	0.082 U

Table 5
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	SB-106_0-2_20210806	SB-106_3-5_20210806	SB-106_12-14_20210806	SB-107_0-2_20210806	SB-107_3-5_20210806
		Laboratory Sample ID	460-240404-16	460-240404-17	460-240404-18	460-240404-19	460-240404-20
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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	0.08 U	0.079 U	0.084 U	0.076 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	0.08 U	0.079 U	0.084 U	0.076 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	0.08 U	0.079 U	0.084 U	0.076 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	0.08 U	0.079 U	0.084 U	0.076 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	0.08 U	0.079 U	0.084 U	0.076 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	0.08 U	0.079 U	0.084 U	0.076 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	0.08 U	0.079 U	0.084 U	0.066 J	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	0.08 U	0.079 U	0.084 U	0.076 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	0.08 U	0.079 U	0.084 U	0.076 U	0.075 U
Total PCBs	0.1	1	0.08 U	0.079 U	0.084 U	0.066 J	0.075 U

Table 5
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Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	SB-107_9-11_20210806	SB-108_0-2_20210806	SB-108_3-5_20210806	SB-108_13-15_20210806	RI-SB-01_0-2_20220328
		Laboratory Sample ID	460-240404-21	460-240404-22	460-240404-23	460-240404-24	460-255194-1
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	3/28/2022
		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	0.077 U	0.071 U	0.073 U	0.074 U	0.073 U
PCB-1221 (Aroclor 1221)	NS	NS	0.077 U	0.071 U	0.073 U	0.074 U	0.073 U
PCB-1232 (Aroclor 1232)	NS	NS	0.077 U	0.071 U	0.073 U	0.074 U	0.073 U
PCB-1242 (Aroclor 1242)	NS	NS	0.077 U	0.071 U	0.073 U	0.074 U	0.073 U
PCB-1248 (Aroclor 1248)	NS	NS	0.077 U	0.071 U	0.073 U	0.074 U	0.073 U
PCB-1254 (Aroclor 1254)	NS	NS	0.077 U	0.071 U	0.073 U	0.074 U	0.073 U
PCB-1260 (Aroclor 1260)	NS	NS	0.077 U	0.071 U	0.073 U	0.074 U	0.073 U
PCB-1262 (Aroclor 1262)	NS	NS	0.077 U	0.071 U	0.073 U	0.074 U	0.073 U
PCB-1268 (Aroclor 1268)	NS	NS	0.077 U	0.071 U	0.073 U	0.074 U	0.073 U
Total PCBs	0.1	1	0.077 U	0.071 U	0.073 U	0.074 U	0.073 U

Table 5
975 Nostrand Avenue
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Subsurface and Remedial Investigations
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	RI-SB-01_5-7_20220328	RI-SB-01_9-11_20220328	RI-SB-01_13-15_20220328	RI-SB-02_10-12_20220404	RI-SB-02_14-16_20220404
		Laboratory Sample ID	460-255194-2	460-255194-3	460-255194-4	460-255585-3	460-255585-4
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	4/04/2022	4/04/2022
		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	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U
PCB-1221 (Aroclor 1221)	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U
PCB-1232 (Aroclor 1232)	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U
PCB-1242 (Aroclor 1242)	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U
PCB-1248 (Aroclor 1248)	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U
PCB-1254 (Aroclor 1254)	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U
PCB-1260 (Aroclor 1260)	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U
PCB-1262 (Aroclor 1262)	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U
PCB-1268 (Aroclor 1268)	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U
Total PCBs	0.1	1	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U

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Subsurface and Remedial Investigations
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	RI-SB-03_10-12_20220404	RI-SB-03_13-15_20220404	RI-SB-04_0-2_20220328	RI-SB-04_5-7_20220328	RI-SB-04_9-11_20220328
		Laboratory Sample ID	460-255585-5	460-255585-6	460-255194-5	460-255194-6	460-255194-7
		Date Sampled	4/04/2022	4/04/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.074 U	0.075 U	0.074 U	0.073 U	0.074 U
PCB-1221 (Aroclor 1221)	NS	NS	0.074 U	0.075 U	0.074 U	0.073 U	0.074 U
PCB-1232 (Aroclor 1232)	NS	NS	0.074 U	0.075 U	0.074 U	0.073 U	0.074 U
PCB-1242 (Aroclor 1242)	NS	NS	0.074 U	0.075 U	0.074 U	0.073 U	0.074 U
PCB-1248 (Aroclor 1248)	NS	NS	0.074 U	0.075 U	0.074 U	0.073 U	0.074 U
PCB-1254 (Aroclor 1254)	NS	NS	0.074 U	0.075 U	0.074 U	0.073 U	0.074 U
PCB-1260 (Aroclor 1260)	NS	NS	0.074 U	0.075 U	0.074 U	0.073 U	0.074 U
PCB-1262 (Aroclor 1262)	NS	NS	0.074 U	0.075 U	0.074 U	0.073 U	0.074 U
PCB-1268 (Aroclor 1268)	NS	NS	0.074 U	0.075 U	0.074 U	0.073 U	0.074 U
Total PCBs	0.1	1	0.074 U	0.075 U	0.074 U	0.073 U	0.074 U

Table 5
975 Nostrand Avenue
Brooklyn, NY
Subsurface and Remedial Investigations
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	RI-SB-04_13-15_20220328	RI-SB-05_10-12_20220404	RI-SB-05_13-15_20220404	RI-SB-06_10-12_20220404	RI-SB-06_14-16_20220404
		Laboratory Sample ID	460-255194-8	460-255585-7	460-255585-8	460-255585-1	460-255585-2
		Date Sampled	3/28/2022	4/04/2022	4/04/2022	4/04/2022	4/04/2022
		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	0.075 U	0.075 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	0.075 U	0.077 U	0.075 U	0.075 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	0.075 U	0.077 U	0.075 U	0.075 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	0.075 U	0.077 U	0.075 U	0.075 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	0.075 U	0.077 U	0.075 U	0.075 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	0.075 U	0.077 U	0.075 U	0.075 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	0.075 U	0.077 U	0.075 U	0.075 U	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	0.075 U	0.077 U	0.075 U	0.075 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	0.075 U	0.077 U	0.075 U	0.075 U	0.075 U
Total PCBs	0.1	1	0.075 U	0.077 U	0.075 U	0.075 U	0.075 U

Table 5
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Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	RI-SB-07_10-12_20220404	RI-SB-07_13-15_20220404	RI-SB-08_0-2_20220323	RI-SB-X_0-2_20220323	RI-SB-08_4-6_20220323
		Laboratory Sample ID	460-255585-9	460-255585-10	460-254917-4	460-254917-7	460-254917-5
		Date Sampled	4/04/2022	4/04/2022	3/23/2022	3/23/2022	3/23/2022
		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	0.076 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	0.076 U	0.075 U	0.075 U	0.076 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	0.076 U	0.075 U	0.075 U	0.076 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	0.076 U	0.075 U	0.075 U	0.076 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	0.076 U	0.075 U	0.075 U	0.076 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	0.076 U	0.075 U	0.075 U	0.076 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	0.076 U	0.075 U	0.07 JK	0.09 JK	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	0.076 U	0.075 U	0.075 U	0.076 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	0.076 U	0.075 U	0.075 U	0.076 U	0.075 U
Total PCBs	0.1	1	0.076 U	0.075 U	0.07 JK	0.09 JK	0.075 U

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		AKRF Sample ID	RI-SB-08_13-15_20220323	RI-SB-09_0-2_20220325	RI-SB-09_5-7_20220325	RI-SB-09_9-11_20220325	RI-SB-09_13-15_20220325
		Laboratory Sample ID	460-254917-6	460-255075-1	460-255075-2	460-255075-3	460-255075-4
		Date Sampled	3/23/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022
		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	0.07 U	0.074 U	0.073 U	0.072 U
PCB-1221 (Aroclor 1221)	NS	NS	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U
PCB-1232 (Aroclor 1232)	NS	NS	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U
PCB-1242 (Aroclor 1242)	NS	NS	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U
PCB-1248 (Aroclor 1248)	NS	NS	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U
PCB-1254 (Aroclor 1254)	NS	NS	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U
PCB-1260 (Aroclor 1260)	NS	NS	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U
PCB-1262 (Aroclor 1262)	NS	NS	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U
PCB-1268 (Aroclor 1268)	NS	NS	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U
Total PCBs	0.1	1	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U

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		AKRF Sample ID	RI-SB-10_0-2_20220328	RI-SB-10_7-9_20220328	RI-SB-X2_7-9_20220328	RI-SB-10_13-15_20220328	RI-SB-11_0-2_20220324
		Laboratory Sample ID	460-255194-9	460-255194-10	460-255194-38	460-255194-11	460-254964-1
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/24/2022
		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	0.073 U	0.073 U	0.072 U	0.073 U	0.071 U
PCB-1221 (Aroclor 1221)	NS	NS	0.073 U	0.073 U	0.072 U	0.073 U	0.071 U
PCB-1232 (Aroclor 1232)	NS	NS	0.073 U	0.073 U	0.072 U	0.073 U	0.071 U
PCB-1242 (Aroclor 1242)	NS	NS	0.073 U	0.073 U	0.072 U	0.073 U	0.071 U
PCB-1248 (Aroclor 1248)	NS	NS	0.073 U	0.073 U	0.072 U	0.073 U	0.071 U
PCB-1254 (Aroclor 1254)	NS	NS	0.073 U	0.073 U	0.072 U	0.073 U	0.071 U
PCB-1260 (Aroclor 1260)	NS	NS	0.073 U	0.073 U	0.072 U	0.073 U	0.071 U
PCB-1262 (Aroclor 1262)	NS	NS	0.073 U	0.073 U	0.072 U	0.073 U	0.071 U
PCB-1268 (Aroclor 1268)	NS	NS	0.073 U	0.073 U	0.072 U	0.073 U	0.071 U
Total PCBs	0.1	1	0.073 U	0.073 U	0.072 U	0.073 U	0.071 U

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		AKRF Sample ID	RI-SB-11_4-6_20220324	RI-SB-11_13-15_20220324	RI-SB-12_0-2_20220328	RI-SB-12_8-10_20220328	RI-SB-12_13-15_20220328
		Laboratory Sample ID	460-254964-2	460-254964-3	460-255194-12	460-255194-13	460-255194-14
		Date Sampled	3/24/2022	3/24/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.074 U	0.072 U	0.073 U	0.072 U	0.074 U
PCB-1221 (Aroclor 1221)	NS	NS	0.074 U	0.072 U	0.073 U	0.072 U	0.074 U
PCB-1232 (Aroclor 1232)	NS	NS	0.074 U	0.072 U	0.073 U	0.072 U	0.074 U
PCB-1242 (Aroclor 1242)	NS	NS	0.074 U	0.072 U	0.073 U	0.072 U	0.074 U
PCB-1248 (Aroclor 1248)	NS	NS	0.074 U	0.072 U	0.073 U	0.072 U	0.074 U
PCB-1254 (Aroclor 1254)	NS	NS	0.074 U	0.072 U	0.073 U	0.072 U	0.074 U
PCB-1260 (Aroclor 1260)	NS	NS	0.074 U	0.072 U	0.073 U	0.072 U	0.074 U
PCB-1262 (Aroclor 1262)	NS	NS	0.074 U	0.072 U	0.073 U	0.072 U	0.074 U
PCB-1268 (Aroclor 1268)	NS	NS	0.074 U	0.072 U	0.073 U	0.072 U	0.074 U
Total PCBs	0.1	1	0.074 U	0.072 U	0.073 U	0.072 U	0.074 U

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		AKRF Sample ID	RI-SB-13_0-2_20220328	RI-SB-13_7-9_20220328	RI-SB-13_13-15_20220328	RI-SB-14_0-2_20220328	RI-SB-14_5-7_20220328
		Laboratory Sample ID	460-255194-15	460-255194-16	460-255194-17	460-255194-18	460-255194-19
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.071 U	0.072 U	0.075 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	0.072 U	0.071 U	0.072 U	0.075 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	0.072 U	0.071 U	0.072 U	0.075 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	0.072 U	0.071 U	0.072 U	0.075 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	0.072 U	0.071 U	0.072 U	0.075 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	0.072 U	0.071 U	0.072 U	0.075 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	0.072 U	0.071 U	0.072 U	0.075 U	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	0.072 U	0.071 U	0.072 U	0.075 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	0.072 U	0.071 U	0.072 U	0.075 U	0.075 U
Total PCBs	0.1	1	0.072 U	0.071 U	0.072 U	0.075 U	0.075 U

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		AKRF Sample ID	RI-SB-14_13-15_20220328	RI-SB-15_0-2_20220328	RI-SB-15_7-9_20220328	RI-SB-15_13-15_20220328	RI-SB-16_0-2_20220328
		Laboratory Sample ID	460-255194-20	460-255194-21	460-255194-22	460-255194-23	460-255194-24
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.072 U	0.074 U	0.072 U	0.074 U
PCB-1221 (Aroclor 1221)	NS	NS	0.078 U	0.072 U	0.074 U	0.072 U	0.074 U
PCB-1232 (Aroclor 1232)	NS	NS	0.078 U	0.072 U	0.074 U	0.072 U	0.074 U
PCB-1242 (Aroclor 1242)	NS	NS	0.078 U	0.072 U	0.074 U	0.072 U	0.074 U
PCB-1248 (Aroclor 1248)	NS	NS	0.078 U	0.072 U	0.074 U	0.072 U	0.074 U
PCB-1254 (Aroclor 1254)	NS	NS	0.078 U	0.072 U	0.074 U	0.072 U	0.074 U
PCB-1260 (Aroclor 1260)	NS	NS	0.078 U	0.072 U	0.074 U	0.072 U	0.074 U
PCB-1262 (Aroclor 1262)	NS	NS	0.078 U	0.072 U	0.074 U	0.072 U	0.074 U
PCB-1268 (Aroclor 1268)	NS	NS	0.078 U	0.072 U	0.074 U	0.072 U	0.074 U
Total PCBs	0.1	1	0.078 U	0.072 U	0.074 U	0.072 U	0.074 U

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		AKRF Sample ID	RI-SB-16_8-10_20220328	RI-SB-X3_8-10_20220328	RI-SB-16_13-15_20220328	RI-SB-17_0-2_20220328	RI-SB-17_7-9_20220328
		Laboratory Sample ID	460-255194-25	460-255194-39	460-255194-26	460-255194-27	460-255194-28
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.076 U	0.077 U	0.07 U	0.072 U
PCB-1221 (Aroclor 1221)	NS	NS	0.072 U	0.076 U	0.077 U	0.07 U	0.072 U
PCB-1232 (Aroclor 1232)	NS	NS	0.072 U	0.076 U	0.077 U	0.07 U	0.072 U
PCB-1242 (Aroclor 1242)	NS	NS	0.072 U	0.076 U	0.077 U	0.07 U	0.072 U
PCB-1248 (Aroclor 1248)	NS	NS	0.072 U	0.076 U	0.077 U	0.07 U	0.072 U
PCB-1254 (Aroclor 1254)	NS	NS	0.072 U	0.076 U	0.077 U	0.07 U	0.072 U
PCB-1260 (Aroclor 1260)	NS	NS	0.072 U	0.076 U	0.077 U	0.07 U	0.072 U
PCB-1262 (Aroclor 1262)	NS	NS	0.072 U	0.076 U	0.077 U	0.07 U	0.072 U
PCB-1268 (Aroclor 1268)	NS	NS	0.072 U	0.076 U	0.077 U	0.07 U	0.072 U
Total PCBs	0.1	1	0.072 U	0.076 U	0.077 U	0.07 U	0.072 U

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		AKRF Sample ID	RI-SB-17_13-15_20220328	RI-SB-18_0-2_20220328	RI-SB-18_4-6_20220328	RI-SB-18_9-11_20220328	RI-SB-18_13-15_20220328
		Laboratory Sample ID	460-255194-29	460-255194-30	460-255194-31	460-255194-32	460-255194-33
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.072 U	0.073 U	0.073 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	0.072 U	0.072 U	0.073 U	0.073 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	0.072 U	0.072 U	0.073 U	0.073 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	0.072 U	0.072 U	0.073 U	0.073 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	0.072 U	0.072 U	0.073 U	0.073 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	0.072 U	0.072 U	0.073 U	0.073 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	0.072 U	0.072 U	0.073 U	0.073 U	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	0.072 U	0.072 U	0.073 U	0.073 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	0.072 U	0.072 U	0.073 U	0.073 U	0.075 U
Total PCBs	0.1	1	0.072 U	0.072 U	0.073 U	0.073 U	0.075 U

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		AKRF Sample ID	RI-SB-19_0-2_20220323	RI-SB-19_7-9_20220323	RI-SB-19_13-15_20220323	RI-SB-20_0-2_20220328	RI-SB-20_4-6_20220328
		Laboratory Sample ID	460-254917-1	460-254917-2	460-254917-3	460-255194-34	460-255194-35
		Date Sampled	3/23/2022	3/23/2022	3/23/2022	3/28/2022	3/28/2022
		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	0.079 U	0.075 U	0.075 U	0.073 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	0.079 U	0.075 U	0.075 U	0.073 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	0.079 U	0.075 U	0.075 U	0.073 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	0.079 U	0.075 U	0.075 U	0.073 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	0.079 U	0.075 U	0.075 U	0.073 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	0.079 U	0.075 U	0.075 U	0.073 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	0.079 U	0.075 U	0.075 U	0.073 U	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	0.079 U	0.075 U	0.075 U	0.073 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	0.079 U	0.075 U	0.075 U	0.073 U	0.075 U
Total PCBs	0.1	1	0.079 U	0.075 U	0.075 U	0.073 U	0.075 U

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		AKRF Sample ID	RI-SB-20_8-10_20220328	RI-SB-20_13-15_20220328	RI-FB-01_20220323	RI-FB-02_20220330	RI-FB-03_20220404
		Laboratory Sample ID	460-255194-36	460-255194-37	460-254917-8	460-255299-1	460-255585-11
		Date Sampled	3/28/2022	3/28/2022	3/23/2022	3/30/2022	4/04/2022
		Unit	mg/kg	mg/kg	µg/L	µg/L	µg/L
		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	0.074 U	0.081 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	NS	0.074 U	0.081 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	NS	0.074 U	0.081 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	NS	0.074 U	0.081 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	NS	0.074 U	0.081 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	NS	0.074 U	0.081 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	NS	0.074 U	0.081 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	NS	0.074 U	0.081 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	NS	0.074 U	0.081 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.1	1	0.074 U	0.081 U	0.4 U	0.4 U	0.4 U

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		AKRF Sample ID	RI-EB-01_20220324	RI-EB-03_20220404
		Laboratory Sample ID	460-254964-4	460-255585-12
		Date Sampled	3/24/2022	4/04/2022
		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 6
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Soil Analytical Results of Pesticides

		AKRF Sample ID	SB-101_0-2_20210806	SB-101_3-5_20210806	SB-101_13-15_20210806	SB-102_0-2_20210806	SB-102_3-5_20210806
		Laboratory Sample ID	460-240404-1	460-240404-2	460-240404-3	460-240404-4	460-240404-5
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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	0.0075 U	0.0078 U	0.0078 U	0.0077 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U
Alpha Endosulfan	NS	NS	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U
Beta Endosulfan	NS	NS	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
cis-Chlordane	0.094	4.2	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U
Dieldrin	0.005	0.2	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U
Endosulfan Sulfate	NS	NS	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
Endrin Aldehyde	NS	NS	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
Endrin Ketone	NS	NS	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0023 U
Heptachlor	0.042	2.1	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
Heptachlor Epoxide	NS	NS	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
Methoxychlor	NS	NS	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
P,P'-DDD	**0.0033**	13	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
P,P'-DDE	**0.0033**	8.9	0.0074 U	0.0075 U	0.0078 U	0.0078 U	0.0077 U
P,P'-DDT	**0.0033**	7.9	0.0022 JK	0.0023 JK	0.0078 U	0.0029 JK	0.0077 U
Toxaphene	NS	NS	0.074 U	0.075 U	0.078 U	0.078 U	0.077 U

Table 6
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		AKRF Sample ID	SB-102_11-13_20210806	SB-103_0-2_20210806	SB-103_3-5_20210806	SB-103_10-12_20210806	SB-104_0-2_20210806
		Laboratory Sample ID	460-240404-6	460-240404-7	460-240404-8	460-240404-9	460-240404-10
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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	0.0082 U	0.0072 U	0.0074 U	0.0071 U	0.0073 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024 U	0.0021 U	0.0022 U	0.0021 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0082 U	0.0072 U	0.0074 U	0.0071 U	0.0073 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024 U	0.0021 U	0.0022 U	0.0021 U	0.0022 U
Beta Endosulfan	NS	NS	0.0082 U	0.0072 U	0.0074 U	0.0071 U	0.0073 U
cis-Chlordane	0.094	4.2	0.0082 U	0.0072 U	0.0074 U	0.0071 U	0.0073 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024 U	0.0021 U	0.0022 U	0.0021 U	0.0022 U
Dieldrin	0.005	0.2	0.0024 U	0.0021 U	0.0022 U	0.0021 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0082 U	0.0072 U	0.0074 U	0.0071 U	0.0073 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0082 U	0.0072 U	0.0074 U	0.0071 U	0.0073 U
Endrin Aldehyde	NS	NS	0.0082 U	0.0072 U	0.0074 U	0.0071 U	0.0073 U
Endrin Ketone	NS	NS	0.0082 U	0.0072 U	0.0074 U	0.0071 U	0.0073 U
Gamma Bhc (Lindane)	0.1	1.3	0.0024 U	0.0021 U	0.0022 U	0.0021 U	0.0022 U
Heptachlor	0.042	2.1	0.0082 U	0.0072 U	0.0074 U	0.0071 U	0.0073 U
Heptachlor Epoxide	NS	NS	0.0082 U	0.0072 U	0.0074 U	0.0071 U	0.0073 U
Methoxychlor	NS	NS	0.0082 U	0.0072 U	0.0074 U	0.0071 U	0.0073 U
P,P'-DDD	**0.0033**	13	**0.0061 J**	0.0072 U	0.0074 U	0.0071 U	0.0073 U
P,P'-DDE	**0.0033**	8.9	**0.0043 J**	0.0072 U	0.0074 U	0.0071 U	0.0073 U
P,P'-DDT	**0.0033**	7.9	0.0082 U	0.0031 JK	0.0074 U	0.0071 U	0.0073 U
Toxaphene	NS	NS	0.082 U	0.072 U	0.074 U	0.071 U	0.073 U

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Soil Analytical Results of Pesticides

		AKRF Sample ID	SB-104_3-5_20210806	SB-104_8-10_20210806	SB-105_0-2_20210806	SB-105_3-5_20210806	SB-105_13-15_20210806
		Laboratory Sample ID	460-240404-11	460-240404-12	460-240404-13	460-240404-14	460-240404-15
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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	0.0072 U	0.0076 U	0.0076 U	0.0082 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0024 U
Alpha Endosulfan	NS	NS	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0024 U
Beta Endosulfan	NS	NS	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
cis-Chlordane	0.094	4.2	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0024 U
Dieldrin	0.005	0.2	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0024 U
Endosulfan Sulfate	NS	NS	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
Endrin Aldehyde	NS	NS	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
Endrin Ketone	NS	NS	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0022 U	0.0023 U	0.0023 U	0.0024 U
Heptachlor	0.042	2.1	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
Heptachlor Epoxide	NS	NS	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
Methoxychlor	NS	NS	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
P,P'-DDD	**0.0033**	13	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
P,P'-DDE	**0.0033**	8.9	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
P,P'-DDT	**0.0033**	7.9	0.0074 U	0.0072 U	0.0076 U	0.0076 U	0.0082 U
Toxaphene	NS	NS	0.074 U	0.072 U	0.076 U	0.076 U	0.082 U

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		AKRF Sample ID	SB-106_0-2_20210806	SB-106_3-5_20210806	SB-106_12-14_20210806	SB-107_0-2_20210806	SB-107_3-5_20210806
		Laboratory Sample ID	460-240404-16	460-240404-17	460-240404-18	460-240404-19	460-240404-20
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
		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	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024 U	0.0024 U	0.0025 U	0.0023 U	0.0022 U
Alpha Endosulfan	NS	NS	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024 U	0.0024 U	0.0025 U	0.0023 U	0.0022 U
Beta Endosulfan	NS	NS	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
cis-Chlordane	0.094	4.2	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024 U	0.0024 U	0.0025 U	0.0023 U	0.0022 U
Dieldrin	0.005	0.2	0.0024 U	0.0024 U	0.0025 U	0.0023 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
Endrin Aldehyde	NS	NS	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
Endrin Ketone	NS	NS	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
Gamma Bhc (Lindane)	0.1	1.3	0.0024 U	0.0024 U	0.0025 U	0.0023 U	0.0022 U
Heptachlor	0.042	2.1	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
Heptachlor Epoxide	NS	NS	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
Methoxychlor	NS	NS	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
P,P'-DDD	**0.0033**	13	0.008 U	0.0079 U	0.0084 U	0.0076 U	0.0075 U
P,P'-DDE	**0.0033**	8.9	**0.0043 J**	0.0079 U	0.0084 U	**0.0069 J**	0.0075 U
P,P'-DDT	**0.0033**	7.9	**0.013 JK**	0.0079 U	0.0084 U	**0.022 JK**	0.0075 U
Toxaphene	NS	NS	0.08 U	0.079 U	0.084 U	0.076 U	0.075 U

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		AKRF Sample ID	SB-107_9-11_20210806	SB-108_0-2_20210806	SB-108_3-5_20210806	SB-108_13-15_20210806	RI-SB-01_0-2_20220328
		Laboratory Sample ID	460-240404-21	460-240404-22	460-240404-23	460-240404-24	460-255194-1
		Date Sampled	8/06/2021	8/06/2021	8/06/2021	8/06/2021	3/28/2022
		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	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
cis-Chlordane	0.094	4.2	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0023 U	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
Endrin Aldehyde	NS	NS	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
Endrin Ketone	NS	NS	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
Heptachlor Epoxide	NS	NS	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
Methoxychlor	NS	NS	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
P,P'-DDD	**0.0033**	13	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
P,P'-DDE	**0.0033**	8.9	0.0077 U	0.0071 U	0.0073 U	0.0074 U	0.0074 U
P,P'-DDT	**0.0033**	7.9	0.0077 U	0.0071 U	0.002 J	0.0074 U	0.0074 U
Toxaphene	NS	NS	0.077 U	0.071 U	0.073 U	0.074 U	0.074 U

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		AKRF Sample ID	RI-SB-01_5-7_20220328	RI-SB-01_9-11_20220328	RI-SB-01_13-15_20220328	RI-SB-02_10-12_20220404	RI-SB-02_14-16_20220404
		Laboratory Sample ID	460-255194-2	460-255194-3	460-255194-4	460-255585-3	460-255585-4
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	4/04/2022	4/04/2022
		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	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
cis-Chlordane	0.094	4.2	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0022 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
Endrin Aldehyde	NS	NS	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
Endrin Ketone	NS	NS	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0023 U	0.0023 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
Heptachlor Epoxide	NS	NS	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
Methoxychlor	NS	NS	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
P,P'-DDD	**0.0033**	13	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
P,P'-DDE	**0.0033**	8.9	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
P,P'-DDT	**0.0033**	7.9	0.0073 U	0.0076 U	0.0076 U	0.0075 U	0.0072 U
Toxaphene	NS	NS	0.073 U	0.076 U	0.076 U	0.075 U	0.072 U

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Soil Analytical Results of Pesticides

		AKRF Sample ID	RI-SB-03_10-12_20220404	RI-SB-03_13-15_20220404	RI-SB-04_0-2_20220328	RI-SB-04_5-7_20220328	RI-SB-04_9-11_20220328
		Laboratory Sample ID	460-255585-5	460-255585-6	460-255194-5	460-255194-6	460-255194-7
		Date Sampled	4/04/2022	4/04/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
cis-Chlordane	0.094	4.2	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
Endrin Aldehyde	NS	NS	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
Endrin Ketone	NS	NS	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
Heptachlor Epoxide	NS	NS	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
Methoxychlor	NS	NS	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
P,P'-DDD	**0.0033**	13	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
P,P'-DDE	**0.0033**	8.9	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
P,P'-DDT	**0.0033**	7.9	0.0074 U	0.0075 U	0.0074 U	0.0073 U	0.0075 U
Toxaphene	NS	NS	0.074 U	0.075 U	0.074 U	0.073 U	0.075 U

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Soil Analytical Results of Pesticides

		AKRF Sample ID	RI-SB-04_13-15_20220328	RI-SB-05_10-12_20220404	RI-SB-05_13-15_20220404	RI-SB-06_10-12_20220404	RI-SB-06_14-16_20220404
		Laboratory Sample ID	460-255194-8	460-255585-7	460-255585-8	460-255585-1	460-255585-2
		Date Sampled	3/28/2022	4/04/2022	4/04/2022	4/04/2022	4/04/2022
		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	0.0075 U	0.0075 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0075 U	0.0077 U	0.0075 U	0.0075 U	0.0075 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0075 U	0.0077 U	0.0075 U	0.0075 U	0.0075 U
cis-Chlordane	0.094	4.2	0.0075 U	0.0077 U	0.0075 U	0.0075 U	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0075 U	0.0077 U	0.0075 U	0.0075 U	0.0075 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	0.0075 U	0.0075 U	0.0075 U
Endrin Aldehyde	NS	NS	0.0075 U	0.0077 U	0.0075 U	0.0075 U	0.0075 U
Endrin Ketone	NS	NS	0.0075 U	0.0077 U	0.0075 U	0.0075 U	0.0075 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0023 U	0.0022 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0075 U	0.0077 U	0.0075 U	0.0075 U	0.0075 U
Heptachlor Epoxide	NS	NS	0.0075 U	0.0077 U	0.0075 U	0.0075 U	0.0075 U
Methoxychlor	NS	NS	0.0075 U	0.0077 U	0.0075 U	0.0075 U	0.0075 U
P,P'-DDD	**0.0033**	13	0.0075 U	**0.12 JK**	**0.019 JK**	0.0075 U	0.0075 U
P,P'-DDE	**0.0033**	8.9	0.0075 U	**0.011 JK**	0.0025 JK	0.0075 U	0.0075 U
P,P'-DDT	**0.0033**	7.9	0.0075 U	**0.019 JK**	**0.015 JK**	0.0075 U	0.0075 U
Toxaphene	NS	NS	0.075 U	0.077 U	0.075 U	0.075 U	0.075 U

Table 6
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		AKRF Sample ID	RI-SB-07_10-12_20220404	RI-SB-07_13-15_20220404	RI-SB-08_0-2_20220323	RI-SB-X_0-2_20220323	RI-SB-08_4-6_20220323
		Laboratory Sample ID	460-255585-9	460-255585-10	460-254917-4	460-254917-7	460-254917-5
		Date Sampled	4/04/2022	4/04/2022	3/23/2022	3/23/2022	3/23/2022
		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	0.0076 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0022 U	0.0022 U	0.0023 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0076 U	0.0075 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0022 U	0.0022 U	0.0023 U	0.0022 U
Beta Endosulfan	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0076 U	0.0075 U
cis-Chlordane	0.094	4.2	0.0076 U	0.0075 U	0.0075 U	0.0027 J	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0022 U	0.0022 U	0.0023 U	0.0022 U
Dieldrin	0.005	0.2	0.0023 U	0.0022 U	0.0022 U	0.0023 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0076 U	0.0075 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	0.0076 U	0.0075 U
Endrin Aldehyde	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0076 U	0.0075 U
Endrin Ketone	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0076 U	0.0075 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0022 U	0.0022 U	0.0023 U	0.0022 U
Heptachlor	0.042	2.1	0.0076 U	0.0075 U	0.0075 U	0.0076 U	0.0075 U
Heptachlor Epoxide	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0076 U	0.0075 U
Methoxychlor	NS	NS	0.0076 U	0.0075 U	0.0075 U	0.0076 U	0.0075 U
P,P'-DDD	**0.0033**	13	0.0029 J	0.0075 U	**0.014 JK**	**0.021 JK**	0.0075 U
P,P'-DDE	**0.0033**	8.9	0.0076 U	0.0075 U	**0.0054 JK**	**0.017 J**	0.0075 U
P,P'-DDT	**0.0033**	7.9	0.0076 U	0.0075 U	**0.0084 JK**	**0.0092 JK**	0.0075 U
Toxaphene	NS	NS	0.076 U	0.075 U	0.075 U	0.076 U	0.075 U

Table 6
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Soil Analytical Results of Pesticides

		AKRF Sample ID	RI-SB-08_13-15_20220323	RI-SB-09_0-2_20220325	RI-SB-09_5-7_20220325	RI-SB-09_9-11_20220325	RI-SB-09_13-15_20220325
		Laboratory Sample ID	460-254917-6	460-255075-1	460-255075-2	460-255075-3	460-255075-4
		Date Sampled	3/23/2022	3/25/2022	3/25/2022	3/25/2022	3/25/2022
		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	0.007 U	0.0074 U	0.0073 U	0.0072 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
cis-Chlordane	0.094	4.2	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
Endrin Aldehyde	NS	NS	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
Endrin Ketone	NS	NS	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
Heptachlor Epoxide	NS	NS	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
Methoxychlor	NS	NS	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
P,P'-DDD	**0.0033**	13	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
P,P'-DDE	**0.0033**	8.9	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
P,P'-DDT	**0.0033**	7.9	0.0075 U	0.007 U	0.0074 U	0.0073 U	0.0072 U
Toxaphene	NS	NS	0.075 U	0.07 U	0.074 U	0.073 U	0.072 U

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		AKRF Sample ID	RI-SB-10_0-2_20220328	RI-SB-10_7-9_20220328	RI-SB-X2_7-9_20220328	RI-SB-10_13-15_20220328	RI-SB-11_0-2_20220324
		Laboratory Sample ID	460-255194-9	460-255194-10	460-255194-38	460-255194-11	460-254964-1
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/24/2022
		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	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0022 U	0.0021 U	0.0022 U	0.0021 U
Alpha Endosulfan	NS	NS	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0022 U	0.0021 U	0.0022 U	0.0021 U
Beta Endosulfan	NS	NS	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
cis-Chlordane	0.094	4.2	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0022 U	0.0021 U	0.0022 U	0.0021 U
Dieldrin	0.005	0.2	0.0022 U	0.0022 U	0.0021 U	0.0022 U	0.0021 U
Endosulfan Sulfate	NS	NS	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
Endrin Aldehyde	NS	NS	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
Endrin Ketone	NS	NS	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0022 U	0.0021 U	0.0022 U	0.0021 U
Heptachlor	0.042	2.1	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
Heptachlor Epoxide	NS	NS	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
Methoxychlor	NS	NS	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
P,P'-DDD	**0.0033**	13	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
P,P'-DDE	**0.0033**	8.9	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
P,P'-DDT	**0.0033**	7.9	0.0073 U	0.0073 U	0.0072 U	0.0073 U	0.0071 U
Toxaphene	NS	NS	0.073 U	0.073 U	0.072 U	0.073 U	0.071 U

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		AKRF Sample ID	RI-SB-11_4-6_20220324	RI-SB-11_13-15_20220324	RI-SB-12_0-2_20220328	RI-SB-12_8-10_20220328	RI-SB-12_13-15_20220328
		Laboratory Sample ID	460-254964-2	460-254964-3	460-255194-12	460-255194-13	460-255194-14
		Date Sampled	3/24/2022	3/24/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
cis-Chlordane	0.094	4.2	0.0042 J	0.0072 U	0.0073 U	0.0073 U	0.0074 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
Endrin Aldehyde	NS	NS	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
Endrin Ketone	NS	NS	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
Heptachlor Epoxide	NS	NS	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
Methoxychlor	NS	NS	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
P,P'-DDD	**0.0033**	13	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
P,P'-DDE	**0.0033**	8.9	0.0074 U	0.0072 U	0.0073 U	0.0073 U	0.0074 U
P,P'-DDT	**0.0033**	7.9	**0.0042 JK**	0.0072 U	0.0073 U	0.0073 U	0.0074 U
Toxaphene	NS	NS	0.074 U	0.072 U	0.073 U	0.073 U	0.074 U

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		AKRF Sample ID	RI-SB-13_0-2_20220328	RI-SB-13_7-9_20220328	RI-SB-13_13-15_20220328	RI-SB-14_0-2_20220328	RI-SB-14_5-7_20220328
		Laboratory Sample ID	460-255194-15	460-255194-16	460-255194-17	460-255194-18	460-255194-19
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.0072 U	0.0072 U	0.0075 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0021 U	0.0021 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0021 U	0.0021 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
cis-Chlordane	0.094	4.2	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0021 U	0.0021 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0022 U	0.0021 U	0.0021 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
Endrin Aldehyde	NS	NS	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
Endrin Ketone	NS	NS	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0021 U	0.0021 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
Heptachlor Epoxide	NS	NS	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
Methoxychlor	NS	NS	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
P,P'-DDD	**0.0033**	13	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
P,P'-DDE	**0.0033**	8.9	0.0072 U	0.0072 U	0.0072 U	0.0075 U	0.0075 U
P,P'-DDT	**0.0033**	7.9	0.0024 J	0.0072 U	0.0072 U	0.0075 U	0.0075 U
Toxaphene	NS	NS	0.072 U	0.072 U	0.072 U	0.075 U	0.075 U

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Soil Analytical Results of Pesticides

		AKRF Sample ID	RI-SB-14_13-15_20220328	RI-SB-15_0-2_20220328	RI-SB-15_7-9_20220328	RI-SB-15_13-15_20220328	RI-SB-16_0-2_20220328
		Laboratory Sample ID	460-255194-20	460-255194-21	460-255194-22	460-255194-23	460-255194-24
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.0072 U	0.0074 U	0.0072 U	0.0074 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
cis-Chlordane	0.094	4.2	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0023 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
Endrin Aldehyde	NS	NS	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
Endrin Ketone	NS	NS	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0022 U	0.0022 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
Heptachlor Epoxide	NS	NS	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
Methoxychlor	NS	NS	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
P,P'-DDD	**0.0033**	13	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
P,P'-DDE	**0.0033**	8.9	0.0078 U	0.0072 U	0.0074 U	0.0072 U	0.0074 U
P,P'-DDT	**0.0033**	7.9	0.0078 U	0.0023 J	0.0074 U	0.0072 U	0.0074 U
Toxaphene	NS	NS	0.078 U	0.072 U	0.074 U	0.072 U	0.074 U

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		AKRF Sample ID	RI-SB-16_8-10_20220328	RI-SB-X3_8-10_20220328	RI-SB-16_13-15_20220328	RI-SB-17_0-2_20220328	RI-SB-17_7-9_20220328
		Laboratory Sample ID	460-255194-25	460-255194-39	460-255194-26	460-255194-27	460-255194-28
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.0077 U	0.0077 U	0.007 U	0.0072 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0021 U	0.0023 U	0.0023 U	0.0021 U	0.0021 U
Alpha Endosulfan	NS	NS	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0021 U	0.0023 U	0.0023 U	0.0021 U	0.0021 U
Beta Endosulfan	NS	NS	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
cis-Chlordane	0.094	4.2	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0021 U	0.0023 U	0.0023 U	0.0021 U	0.0021 U
Dieldrin	0.005	0.2	0.0021 U	0.0023 U	0.0023 U	0.0021 U	0.0021 U
Endosulfan Sulfate	NS	NS	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
Endrin Aldehyde	NS	NS	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
Endrin Ketone	NS	NS	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
Gamma Bhc (Lindane)	0.1	1.3	0.0021 U	0.0023 U	0.0023 U	0.0021 U	0.0021 U
Heptachlor	0.042	2.1	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
Heptachlor Epoxide	NS	NS	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
Methoxychlor	NS	NS	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
P,P'-DDD	**0.0033**	13	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
P,P'-DDE	**0.0033**	8.9	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
P,P'-DDT	**0.0033**	7.9	0.0072 U	0.0077 U	0.0077 U	0.007 U	0.0072 U
Toxaphene	NS	NS	0.072 U	0.077 U	0.077 U	0.07 U	0.072 U

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		AKRF Sample ID	RI-SB-17_13-15_20220328	RI-SB-18_0-2_20220328	RI-SB-18_4-6_20220328	RI-SB-18_9-11_20220328	RI-SB-18_13-15_20220328
		Laboratory Sample ID	460-255194-29	460-255194-30	460-255194-31	460-255194-32	460-255194-33
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		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	0.0072 U	0.0073 U	0.0073 U	0.0076 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0023 U
Alpha Endosulfan	NS	NS	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0023 U
Beta Endosulfan	NS	NS	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
cis-Chlordane	0.094	4.2	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0023 U
Dieldrin	0.005	0.2	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0023 U
Endosulfan Sulfate	NS	NS	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
Endrin Aldehyde	NS	NS	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
Endrin Ketone	NS	NS	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0021 U	0.0022 U	0.0022 U	0.0023 U
Heptachlor	0.042	2.1	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
Heptachlor Epoxide	NS	NS	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
Methoxychlor	NS	NS	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
P,P'-DDD	**0.0033**	13	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
P,P'-DDE	**0.0033**	8.9	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
P,P'-DDT	**0.0033**	7.9	0.0072 U	0.0072 U	0.0073 U	0.0073 U	0.0076 U
Toxaphene	NS	NS	0.072 U	0.072 U	0.073 U	0.073 U	0.076 U

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		AKRF Sample ID	RI-SB-19_0-2_20220323	RI-SB-19_7-9_20220323	RI-SB-19_13-15_20220323	RI-SB-20_0-2_20220328	RI-SB-20_4-6_20220328
		Laboratory Sample ID	460-254917-1	460-254917-2	460-254917-3	460-255194-34	460-255194-35
		Date Sampled	3/23/2022	3/23/2022	3/23/2022	3/28/2022	3/28/2022
		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	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024 U	0.0022 U	0.0023 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024 U	0.0022 U	0.0023 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
cis-Chlordane	0.094	4.2	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024 U	0.0022 U	0.0023 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.0024 U	0.0022 U	0.0023 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
Endrin Aldehyde	NS	NS	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
Endrin Ketone	NS	NS	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
Gamma Bhc (Lindane)	0.1	1.3	0.0024 U	0.0022 U	0.0023 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
Heptachlor Epoxide	NS	NS	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
Methoxychlor	NS	NS	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
P,P'-DDD	**0.0033**	13	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
P,P'-DDE	**0.0033**	8.9	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
P,P'-DDT	**0.0033**	7.9	0.0079 U	0.0075 U	0.0075 U	0.0073 U	0.0075 U
Toxaphene	NS	NS	0.079 U	0.075 U	0.075 U	0.073 U	0.075 U

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		AKRF Sample ID	RI-SB-20_8-10_20220328	RI-SB-20_13-15_20220328	RI-FB-01_20220323	RI-FB-02_20220330	RI-FB-03_20220404
		Laboratory Sample ID	460-255194-36	460-255194-37	460-254917-8	460-255299-1	460-255585-11
		Date Sampled	3/28/2022	3/28/2022	3/23/2022	3/30/2022	4/04/2022
		Unit	mg/kg	mg/kg	µg/L	µg/L	µg/L
		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	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0024 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	NS	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0024 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	NS	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
cis-Chlordane	0.094	4.2	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0024 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.005	0.2	0.0022 U	0.0024 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	NS	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	NS	NS	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	NS	NS	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0024 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.042	2.1	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	NS	NS	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
Methoxychlor	NS	NS	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	**0.0033**	13	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	**0.0033**	8.9	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	**0.0033**	7.9	0.0073 U	0.0081 U	0.02 U	0.02 U	0.02 U
Toxaphene	NS	NS	0.073 U	0.081 U	0.5 U	0.5 U	0.5 U

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		AKRF Sample ID	RI-EB-01_20220324	RI-EB-03_20220404
		Laboratory Sample ID	460-254964-4	460-255585-12
		Date Sampled	3/24/2022	4/04/2022
		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 7
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Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	RI-SB-01_0-2_20220328	RI-SB-01_5-7_20220328	RI-SB-01_9-11_20220328	RI-SB-01_13-15_20220328
		Laboratory Sample ID	200-62771-1	200-62771-2	200-62771-3	200-62771-4
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.17 U	2.14 U	2.15 U	2.26 U
8:2 Fluorotelomer sulfonate	NS	NS	2.17 U	2.14 U	2.15 U	2.26 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.17 U	2.14 U	2.15 U	2.26 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.17 U	2.14 U	2.15 U	2.26 U
Perfluorobutanesulfonic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.23 U
Perfluorobutanoic acid	NS	NS	0.54 U	0.54 U	0.54 U	0.57 U
Perfluorodecanesulfonic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.23 U
Perfluorodecanoic acid	NS	NS	0.09 J	0.21 U	0.013 J	0.23 U
Perfluorododecanoic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.23 U
Perfluoroheptanesulfonic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.23 U
Perfluoroheptanoic acid	NS	NS	0.043 J	0.21 U	0.22 U	0.23 U
Perfluorohexanesulfonic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.23 U
Perfluorohexanoic acid	NS	NS	0.049 J	0.21 U	0.22 U	0.23 U
Perfluorononanoic acid	NS	NS	0.072 J	0.21 U	0.22 U	0.23 U
Perfluorooctanesulfonic acid	0.88	44	0.29	0.21 U	0.22 U	0.23 U
Perfluorooctanoic acid	0.66	33	0.11 J	0.12 J	0.22 U	0.23 U
Perfluoropentanoic acid	NS	NS	0.13 J	0.21 U	0.22 U	0.23 U
Perfluorotetradecanoic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.23 U
Perfluorotridecanoic acid	NS	NS	0.22 U	0.21 U	0.017 J	0.23 U
Perfluoroundecanoic acid	NS	NS	0.023 J	0.21 U	0.22 U	0.23 U
Perfluroroctanesulfonamide	NS	NS	0.22 U	0.21 U	0.03 J	0.23 U

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Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	RI-SB-02_10-12_20220404	RI-SB-02_14-16_20220404	RI-SB-03_10-12_20220404	RI-SB-03_13-15_20220404
		Laboratory Sample ID	200-62885-3	200-62885-4	200-62885-5	200-62885-6
		Date Sampled	4/04/2022	4/04/2022	4/04/2022	4/04/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.12 U	2.17 U	2.08 U	2.16 U
8:2 Fluorotelomer sulfonate	NS	NS	2.12 U	2.17 U	2.08 U	2.16 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.24 J	2.17 U	0.2 J	0.17 J
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.12 U	2.17 U	2.08 U	2.16 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U
Perfluorobutanoic acid	NS	NS	0.53 U	0.54 U	0.52 U	0.54 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U
Perfluorodecanoic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U
Perfluorododecanoic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U
Perfluoroheptanoic acid	NS	NS	0.049 J	0.075 J	0.21 U	0.22 U
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U
Perfluorohexanoic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U
Perfluorononanoic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U
Perfluorooctanesulfonic acid	0.88	44	0.21 U	0.22 U	0.21 U	0.12 J
Perfluorooctanoic acid	0.66	33	0.14 J	0.13 J	0.09 J	0.2 J
Perfluoropentanoic acid	NS	NS	0.076 J	0.12 J	0.21 U	0.061 J
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U
Perfluroroctanesulfonamide	NS	NS	0.21 U	0.22 U	0.21 U	0.22 U

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Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	RI-SB-04_0-2_20220328	RI-SB-04_5-7_20220328	RI-SB-04_9-11_20220328	RI-SB-04_13-15_20220328
		Laboratory Sample ID	200-62771-5	200-62771-6	200-62771-7	200-62771-8
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.32 U	2.44 U	2.31 U	1.94 U
8:2 Fluorotelomer sulfonate	NS	NS	2.32 U	2.44 U	2.31 UJ	1.94 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.32 U	2.44 U	2.31 U	1.94 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.32 U	2.44 U	2.31 U	1.94 U
Perfluorobutanesulfonic acid	NS	NS	0.23 U	0.017 J	0.23 U	0.19 U
Perfluorobutanoic acid	NS	NS	0.58 U	0.61 U	0.58 U	0.49 U
Perfluorodecanesulfonic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.19 U
Perfluorodecanoic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.19 U
Perfluorododecanoic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.19 U
Perfluoroheptanesulfonic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.19 U
Perfluoroheptanoic acid	NS	NS	0.23 U	0.04 J	0.23 U	0.19 U
Perfluorohexanesulfonic acid	NS	NS	0.23 U	0.026 J	0.019 J	0.19 U
Perfluorohexanoic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.19 U
Perfluorononanoic acid	NS	NS	0.04 J	0.24 U	0.23 U	0.19 U
Perfluorooctanesulfonic acid	0.88	44	0.13 J	0.069 J	0.024 J	0.021 J
Perfluorooctanoic acid	0.66	33	0.053 J	0.1 J	0.12 J	0.025 J
Perfluoropentanoic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.19 U
Perfluorotetradecanoic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.19 U
Perfluorotridecanoic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.19 U
Perfluoroundecanoic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.19 U
Perfluroroctanesulfonamide	NS	NS	0.23 U	0.24 U	0.23 UJ	0.19 U

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		AKRF Sample ID	RI-SB-05_10-12_20220404	RI-SB-05_13-15_20220404	RI-SB-06_10-12_20220404	RI-SB-06_14-16_20220404
		Laboratory Sample ID	200-62885-7	200-62885-8	200-62885-1	200-62885-2
		Date Sampled	4/04/2022	4/04/2022	4/04/2022	4/04/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.25 U	2.73 U	2.1 U	2 U
8:2 Fluorotelomer sulfonate	NS	NS	2.25 U	2.73 U	2.1 U	2 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.88 J	0.44 J	2.1 U	2 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.25 U	2.73 U	2.1 U	2 U
Perfluorobutanesulfonic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluorobutanoic acid	NS	NS	0.56 U	0.68 U	0.52 U	0.5 U
Perfluorodecanesulfonic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluorodecanoic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluorododecanoic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluoroheptanesulfonic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluoroheptanoic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluorohexanesulfonic acid	NS	NS	0.048 J	0.27 U	0.21 U	0.2 U
Perfluorohexanoic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluorononanoic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluorooctanesulfonic acid	0.88	44	0.14 J	0.27 U	0.21 U	0.2 U
Perfluorooctanoic acid	0.66	33	0.23 U	0.27 U	0.21 U	0.2 U
Perfluoropentanoic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluorotetradecanoic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluorotridecanoic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluoroundecanoic acid	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U
Perfluroroctanesulfonamide	NS	NS	0.23 U	0.27 U	0.21 U	0.2 U

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		AKRF Sample ID	RI-SB-07_10-12_20220404	RI-SB-07_13-15_20220404	RI-SB-08_0-2_20220323	RI-SB-X_0-2_20220323
		Laboratory Sample ID	200-62885-9	200-62885-10	200-62722-4	200-62722-7
		Date Sampled	4/04/2022	4/04/2022	3/23/2022	3/23/2022
		Dilution Factor	1	1	5	5
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.58 U	2.21 U	0.49 J	0.25 J
8:2 Fluorotelomer sulfonate	NS	NS	2.58 U	2.21 U	0.28 J	0.099 J
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.48 J	0.43 J	10.9 U	11 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.58 U	2.21 U	10.9 U	11 U
Perfluorobutanesulfonic acid	NS	NS	0.26 U	0.22 U	1.37	1.3
Perfluorobutanoic acid	NS	NS	0.65 U	0.55 U	5.21	4.19
Perfluorodecanesulfonic acid	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U
Perfluorodecanoic acid	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U
Perfluorododecanoic acid	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U
Perfluoroheptanesulfonic acid	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U
Perfluoroheptanoic acid	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U
Perfluorohexanesulfonic acid	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U
Perfluorohexanoic acid	NS	NS	0.26 U	0.22 U	0.36 J	1.1 U
Perfluorononanoic acid	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U
Perfluorooctanesulfonic acid	0.88	44	0.26 U	0.22 U	0.19 J	0.18 J
Perfluorooctanoic acid	0.66	33	0.26 U	0.22 U	0.35 J	0.22 J
Perfluoropentanoic acid	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U
Perfluorotetradecanoic acid	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U
Perfluorotridecanoic acid	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U
Perfluoroundecanoic acid	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U
Perfluroroctanesulfonamide	NS	NS	0.26 U	0.22 U	1.09 U	1.1 U

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		AKRF Sample ID	RI-SB-08_4-6_20220323	RI-SB-08_13-15_20220323	RI-SB-09_0-2_20220325	RI-SB-09_5-7_20220325
		Laboratory Sample ID	200-62722-5	200-62722-6	200-62726-1	200-62726-2
		Date Sampled	3/23/2022	3/23/2022	3/25/2022	3/25/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.12 U	2.19 U	2.04 U	2.23 U
8:2 Fluorotelomer sulfonate	NS	NS	0.028 J	2.19 U	2.04 U	2.23 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.12 U	2.19 U	2.04 U	2.23 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.12 U	2.19 U	2.04 U	2.23 U
Perfluorobutanesulfonic acid	NS	NS	0.012 J	0.22 U	0.2 U	0.22 U
Perfluorobutanoic acid	NS	NS	0.2 J	0.55 U	0.51 U	0.56 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.22 U	0.012 J	0.22 U
Perfluorodecanoic acid	NS	NS	0.21 U	0.22 U	0.062 J	0.22 U
Perfluorododecanoic acid	NS	NS	0.21 U	0.22 U	0.2 U	0.22 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.22 U	0.2 U	0.22 U
Perfluoroheptanoic acid	NS	NS	0.024 J	0.22 U	0.2 U	0.22 U
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.22 U	0.2 U	0.02 J
Perfluorohexanoic acid	NS	NS	0.21 U	0.22 U	0.2 U	0.22 U
Perfluorononanoic acid	NS	NS	0.21 U	0.22 U	0.021 J	0.22 U
Perfluorooctanesulfonic acid	0.88	44	0.046 J	0.053 J	0.28	0.043 J
Perfluorooctanoic acid	0.66	33	0.029 J	0.14 J	0.2 U	0.19 J
Perfluoropentanoic acid	NS	NS	0.21 U	0.22 U	0.2 U	0.22 U
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.22 U	0.2 U	0.22 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.22 U	0.2 U	0.22 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.22 U	0.049 J	0.22 U
Perfluroroctanesulfonamide	NS	NS	0.21 U	0.22 U	0.2 U	0.22 U

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		AKRF Sample ID	RI-SB-09_9-11_20220325	RI-SB-09_13-15_20220325	RI-SB-10_0-2_20220328	RI-SB-10_7-9_20220328
		Laboratory Sample ID	200-62726-3	200-62726-4	200-62771-9	200-62771-10
		Date Sampled	3/25/2022	3/25/2022	3/28/2022	3/28/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.08 U	2.11 U	2.13 U	2.06 U
8:2 Fluorotelomer sulfonate	NS	NS	2.08 U	2.11 U	2.13 U	2.06 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.08 U	2.11 U	2.13 U	2.06 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.08 U	2.11 U	2.13 U	2.06 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.21 U
Perfluorobutanoic acid	NS	NS	0.52 U	0.53 U	0.53 U	0.52 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.21 U
Perfluorodecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.21 U
Perfluorododecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.21 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.21 U
Perfluoroheptanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.026 J
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.018 J
Perfluorohexanoic acid	NS	NS	0.027 J	0.21 U	0.21 U	0.21 U
Perfluorononanoic acid	NS	NS	0.21 U	0.21 U	0.04 J	0.21 U
Perfluorooctanesulfonic acid	0.88	44	0.21 U	0.21 U	0.072 J	0.21 U
Perfluorooctanoic acid	0.66	33	0.21 U	0.21 U	0.064 J	0.21 U
Perfluoropentanoic acid	NS	NS	0.085 J	0.21 U	0.045 J	0.21 U
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.21 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.21 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.21 U
Perfluroroctanesulfonamide	NS	NS	0.21 U	0.21 U	0.21 U	0.034 J

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		AKRF Sample ID	RI-SB-X2_7-9_20220328	RI-SB-10_13-15_20220328	RI-SB-11_0-2_20220324	RI-SB-11_4-6_20220324
		Laboratory Sample ID	200-62771-38	200-62771-11	200-62721-1	200-62721-2
		Date Sampled	3/28/2022	3/28/2022	3/24/2022	3/24/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.08 U	2.19 U	2.17 U	2.16 U
8:2 Fluorotelomer sulfonate	NS	NS	2.08 U	2.19 U	2.17 U	2.16 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.08 U	2.19 U	2.17 U	2.16 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.08 U	2.19 U	2.17 U	2.16 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.22 U
Perfluorobutanoic acid	NS	NS	0.52 U	0.55 U	0.54 U	0.36 J
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.22 U
Perfluorodecanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.22 U
Perfluorododecanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.22 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.22 U
Perfluoroheptanoic acid	NS	NS	0.024 J	0.22 U	0.037 J	0.22 U
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.22 U
Perfluorohexanoic acid	NS	NS	0.21 U	0.22 U	0.034 J	0.22 U
Perfluorononanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.22 U
Perfluorooctanesulfonic acid	0.88	44	0.21 U	0.22 U	0.1 J	0.061 J
Perfluorooctanoic acid	0.66	33	0.032 J	0.22 U	0.22 U	0.034 J
Perfluoropentanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.22 U
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.22 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.22 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.22 U
Perfluroroctanesulfonamide	NS	NS	0.21 U	0.026 J	0.22 U	0.22 U

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		AKRF Sample ID	RI-SB-11_13-15_20220324	RI-SB-12_0-2_20220328	RI-SB-12_8-10_20220328	RI-SB-12_13-15_20220328
		Laboratory Sample ID	200-62721-3	200-62771-12	200-62771-13	200-62771-14
		Date Sampled	3/24/2022	3/28/2022	3/28/2022	3/28/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.16 U	2.1 U	2.32 U	2.15 U
8:2 Fluorotelomer sulfonate	NS	NS	2.16 U	2.1 U	2.32 U	0.021 J
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.16 U	2.1 U	2.32 U	2.15 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.16 U	2.1 U	2.32 U	2.15 U
Perfluorobutanesulfonic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluorobutanoic acid	NS	NS	0.54 U	0.53 U	0.58 U	0.54 U
Perfluorodecanesulfonic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluorodecanoic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluorododecanoic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluoroheptanesulfonic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluoroheptanoic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluorohexanesulfonic acid	NS	NS	0.22 U	0.021 J	0.23 U	0.21 U
Perfluorohexanoic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluorononanoic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluorooctanesulfonic acid	0.88	44	0.22 U	0.12 J	0.23 U	0.21 U
Perfluorooctanoic acid	0.66	33	0.22 U	0.13 J	0.23 U	0.21 U
Perfluoropentanoic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluorotetradecanoic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluorotridecanoic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluoroundecanoic acid	NS	NS	0.22 U	0.21 U	0.23 U	0.21 U
Perfluroroctanesulfonamide	NS	NS	0.22 U	0.018 J	0.23 U	0.21 U

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		AKRF Sample ID	RI-SB-13_0-2_20220328	RI-SB-13_7-9_20220328	RI-SB-13_13-15_20220328	RI-SB-14_0-2_20220328
		Laboratory Sample ID	200-62771-15	200-62771-16	200-62771-17	200-62771-18
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.09 U	2.09 U	2.1 U	2.2 U
8:2 Fluorotelomer sulfonate	NS	NS	2.09 U	2.09 U	2.1 U	2.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.09 U	2.09 U	2.1 U	2.2 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.09 U	2.09 U	2.1 U	2.2 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorobutanoic acid	NS	NS	0.52 U	0.52 U	0.53 U	0.55 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorodecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorododecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluoroheptanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorohexanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorononanoic acid	NS	NS	0.023 J	0.21 U	0.21 U	0.22 U
Perfluorooctanesulfonic acid	0.88	44	0.051 J	0.21 U	0.21 U	0.12 J
Perfluorooctanoic acid	0.66	33	0.064 J	0.21 U	0.21 U	0.032 J
Perfluoropentanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluroroctanesulfonamide	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U

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		AKRF Sample ID	RI-SB-14_5-7_20220328	RI-SB-14_13-15_20220328	RI-SB-15_0-2_20220328	RI-SB-15_7-9_20220328
		Laboratory Sample ID	200-62771-19	200-62771-20	200-62771-21	200-62771-22
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.08 U	2.18 U	2.06 U	2.11 U
8:2 Fluorotelomer sulfonate	NS	NS	2.08 U	0.25 J	2.06 U	2.11 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.08 U	2.18 U	2.06 U	2.11 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.08 U	2.18 U	2.06 U	2.11 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.21 U
Perfluorobutanoic acid	NS	NS	0.52 U	0.54 U	0.51 U	0.53 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.21 U
Perfluorodecanoic acid	NS	NS	0.015 J	0.22 U	0.21 U	0.21 U
Perfluorododecanoic acid	NS	NS	0.03 J	0.22 U	0.21 U	0.21 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.21 U
Perfluoroheptanoic acid	NS	NS	0.21 U	0.032 J	0.21 U	0.21 U
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.22 U	0.025 J	0.21 U
Perfluorohexanoic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.21 U
Perfluorononanoic acid	NS	NS	0.21 U	0.22 U	0.12 J	0.21 U
Perfluorooctanesulfonic acid	0.88	44	0.21 U	0.22 U	0.15 J	0.21 U
Perfluorooctanoic acid	0.66	33	0.064 J	0.057 J	0.19 J	0.21 U
Perfluoropentanoic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.21 U
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.22 U	0.21 U	0.21 U
Perfluorotridecanoic acid	NS	NS	0.02 J	0.22 U	0.21 U	0.21 U
Perfluoroundecanoic acid	NS	NS	0.021 J	0.22 U	0.21 U	0.21 U
Perfluroroctanesulfonamide	NS	NS	0.033 J	0.22 U	0.21 U	0.21 U

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		AKRF Sample ID	RI-SB-15_13-15_20220328	RI-SB-16_0-2_20220328	RI-SB-16_8-10_20220328	RI-SB-X3_8-10_20220328
		Laboratory Sample ID	200-62771-23	200-62771-24	200-62771-25	200-62771-39
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.13 U	2.16 U	2.16 U	2.1 U
8:2 Fluorotelomer sulfonate	NS	NS	2.13 U	2.16 U	2.16 U	2.1 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.13 U	2.16 U	2.16 U	2.1 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.13 U	2.16 U	2.16 U	2.1 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluorobutanoic acid	NS	NS	0.53 U	0.54 U	0.54 U	0.52 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluorodecanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluorododecanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluoroheptanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluorohexanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluorononanoic acid	NS	NS	0.21 U	0.037 J	0.22 U	0.21 U
Perfluorooctanesulfonic acid	0.88	44	0.21 U	0.25	0.22 U	0.017 J
Perfluorooctanoic acid	0.66	33	0.21 U	0.22 U	0.16 J	0.082 J
Perfluoropentanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U
Perfluroroctanesulfonamide	NS	NS	0.21 U	0.22 U	0.22 U	0.21 U

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		AKRF Sample ID	RI-SB-16_13-15_20220328	RI-SB-17_0-2_20220328	RI-SB-17_7-9_20220328	RI-SB-17_13-15_20220328
		Laboratory Sample ID	200-62771-26	200-62771-27	200-62771-28	200-62771-29
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.03 U	2.01 U	2.18 U	2.09 U
8:2 Fluorotelomer sulfonate	NS	NS	2.03 U	2.01 U	2.18 U	2.09 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.03 U	2.01 U	2.18 U	2.09 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.03 U	2.01 U	2.18 U	2.09 U
Perfluorobutanesulfonic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluorobutanoic acid	NS	NS	0.51 U	0.5 U	0.55 U	0.52 U
Perfluorodecanesulfonic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluorodecanoic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluorododecanoic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluoroheptanesulfonic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluoroheptanoic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluorohexanesulfonic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluorohexanoic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluorononanoic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluorooctanesulfonic acid	0.88	44	0.2 U	0.056 J	0.22 U	0.21 U
Perfluorooctanoic acid	0.66	33	0.2 U	0.044 J	0.22 U	0.21 U
Perfluoropentanoic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluorotetradecanoic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluorotridecanoic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluoroundecanoic acid	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U
Perfluroroctanesulfonamide	NS	NS	0.2 U	0.2 U	0.22 U	0.21 U

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Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	RI-SB-18_0-2_20220328	RI-SB-18_4-6_20220328	RI-SB-18_9-11_20220328	RI-SB-18_13-15_20220328
		Laboratory Sample ID	200-62771-30	200-62771-31	200-62771-32	200-62771-33
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/28/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	0.057 J	2.13 U	2.08 U	2.18 U
8:2 Fluorotelomer sulfonate	NS	NS	2.13 U	2.13 U	2.08 U	0.03 J
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.13 U	2.13 U	2.08 U	2.18 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.13 U	2.13 U	2.08 U	2.18 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorobutanoic acid	NS	NS	0.53 U	0.53 U	0.52 U	0.55 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorodecanoic acid	NS	NS	0.018 J	0.21 U	0.21 U	0.22 U
Perfluorododecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluoroheptanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.04 J
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.018 J
Perfluorohexanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorononanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorooctanesulfonic acid	0.88	44	0.37	0.14 J	0.056 J	0.22 U
Perfluorooctanoic acid	0.66	33	0.21 U	0.065 J	0.1 J	0.18 J
Perfluoropentanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U
Perfluroroctanesulfonamide	NS	NS	0.21 U	0.21 U	0.21 U	0.22 U

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Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	RI-SB-19_0-2_20220323	RI-SB-19_7-9_20220323	RI-SB-19_13-15_20220323	RI-SB-20_0-2_20220328
		Laboratory Sample ID	200-62722-1	200-62722-2	200-62722-3	200-62771-34
		Date Sampled	3/23/2022	3/23/2022	3/23/2022	3/28/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppb
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.1 U	2.1 U	2.33 U	2.15 U
8:2 Fluorotelomer sulfonate	NS	NS	2.1 U	2.1 U	2.33 U	0.023 J
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.1 U	2.1 U	2.33 U	2.15 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.1 U	2.1 U	2.33 U	2.15 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.01 J
Perfluorobutanoic acid	NS	NS	0.53 U	0.19 J	0.58 U	0.54 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.023 J	0.23 U	0.21 U
Perfluorodecanoic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.21 U
Perfluorododecanoic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.21 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.21 U
Perfluoroheptanoic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.21 U
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.21 U
Perfluorohexanoic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.21 U
Perfluorononanoic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.029 J
Perfluorooctanesulfonic acid	0.88	44	0.047 J	0.037 J	0.23 U	0.083 J
Perfluorooctanoic acid	0.66	33	0.21 U	0.029 J	0.23 U	0.082 J
Perfluoropentanoic acid	NS	NS	0.21 U	0.064 J	0.23 U	0.21 U
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.21 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.21 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.21 U
Perfluroroctanesulfonamide	NS	NS	0.21 U	0.21 U	0.23 U	0.21 U

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Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	RI-SB-20_4-6_20220328	RI-SB-20_8-10_20220328	RI-SB-20_13-15_20220328	RI-FB-01_20220323
		Laboratory Sample ID	200-62771-35	200-62771-36	200-62771-37	200-62722-8
		Date Sampled	3/28/2022	3/28/2022	3/28/2022	3/23/2022
		Dilution Factor	1	1	1	1
		Unit	ppb	ppb	ppb	ppt
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.1 U	2.34 U	2.13 U	4.5 U
8:2 Fluorotelomer sulfonate	NS	NS	2.1 U	2.34 U	2.13 U	1.8 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.1 U	2.34 U	2.13 U	4.5 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.1 U	2.34 U	2.13 U	4.5 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluorobutanoic acid	NS	NS	0.52 U	0.59 U	0.53 U	4.5 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluorodecanoic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluorododecanoic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluoroheptanoic acid	NS	NS	0.094 J	0.23 U	0.21 U	1.8 U
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluorohexanoic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluorononanoic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluorooctanesulfonic acid	0.88	44	0.21 U	0.23 U	0.21 U	1.8 U
Perfluorooctanoic acid	0.66	33	0.27	0.23 U	0.21 U	1.8 U
Perfluoropentanoic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U
Perfluroroctanesulfonamide	NS	NS	0.21 U	0.23 U	0.21 U	1.8 U

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Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	RI-FB-02_20220330	RI-FB-03_20220404	RI-EB-01_20220324	RI-EB-03_20220404
		Laboratory Sample ID	200-62835-1	200-62885-11	200-62721-4	200-62885-12
		Date Sampled	3/30/2022	4/04/2022	3/24/2022	4/04/2022
		Dilution Factor	1	1	1	1
		Unit	ppt	ppt	ppt	ppt
Compound	**NYSDEC UUGV**	**NYSDEC RRGV**	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	4.58 U	4.33	4.48 U	4.27 U
8:2 Fluorotelomer sulfonate	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	4.58 U	4.28 U	4.48 U	4.27 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	4.58 U	4.28 U	4.48 U	4.27 U
Perfluorobutanesulfonic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluorobutanoic acid	NS	NS	4.58 U	4.28 U	4.48 U	4.27 U
Perfluorodecanesulfonic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluorodecanoic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluorododecanoic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluoroheptanesulfonic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluoroheptanoic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluorohexanesulfonic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluorohexanoic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluorononanoic acid	NS	NS	1.83 U	1.71 U	0.38 J	1.71 U
Perfluorooctanesulfonic acid	0.88	44	1.83 U	1.71 U	1.79 U	1.71 U
Perfluorooctanoic acid	0.66	33	1.83 U	1.71 U	1.79 U	1.71 U
Perfluoropentanoic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluorotetradecanoic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluorotridecanoic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluoroundecanoic acid	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U
Perfluroroctanesulfonamide	NS	NS	1.83 U	1.71 U	1.79 U	1.71 U

Table 8
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Groundwater Analytical Results of VOCs

AKRF Sample ID		RI-MW-02_20220330	RI-MW-03_20220330	RI-MW-X_20220330	RI-MW-04_20220330	RI-FB-GW_20220330	RI-TB-GW_20220330
Laboratory Sample ID		460-255300-1	460-255300-2	460-255300-4	460-255300-3	460-255300-6	460-255300-5
Date Sampled		3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022
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	1 U	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	4.6 J	12	11	4.8 J	5 U	5 U
Benzene	1	1 U	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	1.2	1.6	0.79 J	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**	**11**	**17**	**15**	**14**	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	1 U	1 U	0.47 J	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	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U	0.63 J	0.88 J
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	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	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	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	1 U	1 U	1 U	1 U	1 U	1 U
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	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	**5**	**5.3**	**5.9**	**5.6**	**17**	1 U	1 U
Toluene	5	1 U	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	0.65 J	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	1 U	1 U	1 U	1 U	0.63 J	0.88 J

Table 9
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Groundwater Analytical Results of SVOCs

AKRF Sample ID		RI-MW-02_20220330	RI-MW-03_20220330	RI-MW-X_20220330	RI-MW-04_20220330	RI-FB-GW_20220330
Laboratory Sample ID		460-255300-1	460-255300-2	460-255300-4	460-255300-3	460-255300-6
Date Sampled		3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	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
1,4-Dioxane (P-Dioxane)	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	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
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U
2,6-Dinitrotoluene	5	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	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
2-Nitroaniline	5	10 U	10 U	10 UJ	10 R	10 U
2-Nitrophenol	NS	10 UJ	10 UJ	10 U	10 UJ	10 UJ
3- And 4- Methylphenol (Total)	NS	6.2 J	1.3 J	1.2 J	1.2 J	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 R	10 U
3-Nitroaniline	5	10 U	10 U	10 U	10 R	10 U
4,6-Dinitro-2-Methylphenol	NS	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ
4-Bromophenyl Phenyl Ether	NS	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
4-Chloroaniline	5	10 U	10 U	10 U	10 R	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	6.2 J	1.3 J	1.2 J	1.2 J	10 U
4-Nitroaniline	5	10 U	10 U	10 U	10 R	10 U
4-Nitrophenol	NS	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U
Atrazine	7.5	2 U	2 U	2 U	2 U	2 U
Benzaldehyde	NS	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	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
Benzo(g,h,i)Perylene	NS	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
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	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
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	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
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U	2 U	2 U
Caprolactam	NS	10 U	10 U	10 U	10 U	10 U
Carbazole	NS	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	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
Dibenzofuran	NS	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	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
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	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
Isophorone	50	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	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
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U

Table 10
975 Nostrand Avenue
Brooklyn, NY
Remedial Investigation
Groundwater Analytical Results of Total Metals

AKRF Sample ID		RI-MW-02_20220330	RI-MW-03_20220330	RI-MW-X_20220330	RI-MW-04_20220330	RI-FB-GW_20220330
Laboratory Sample ID		460-255300-1	460-255300-2	460-255300-4	460-255300-3	460-255300-6
Date Sampled		3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	81.9	167	149	91.3	40 U
Antimony	**3**	**6.1**	**6.3**	**6.2**	**5**	2 U
Arsenic	25	2 U	2 U	2 U	2 U	2 U
Barium	1,000	113	116	118	114	4 U
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U	2 U
Calcium	NS	66,900	65,700	65,000	48,800	500 U
Chromium, Total	50	4 U	4 U	4 U	4 U	4 U
Cobalt	NS	7.1	4.1	4.2	3.2 J	4 U
Copper	200	22.9	9.3	9.1	9.3	4 U
Iron	**300**	**630**	**334**	**305**	214	120 U
Lead	25	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	**35,000**	**49,600**	25,300	25,300	**49,500**	200 U
Manganese	**300**	**1,360**	**2,670**	**2,640**	**1,550**	8 U
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	14.3	15.4	15.5	21.8	4 U
Potassium	NS	6,770	5,790	5,770	8,350	200 U
Selenium	**10**	2.2 J	**10.5**	**10.7**	1.3 J	2.5 U
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**72,600**	**46,900**	**45,600**	**53,100**	500 U
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	4 U	4 U	4 U	4 U
Zinc	2,000	16 U	16 U	16 U	16 U	16 U

Table 11
975 Nostrand Avenue
Brooklyn, NY
Remedial Investigation
Groundwater Analytical Results of Dissolved Metals

AKRF Sample ID		RI-MW-02_20220330	RI-MW-03_20220330	RI-MW-X_20220330	RI-MW-04_20220330	RI-FB-GW_20220330
Laboratory Sample ID		460-255300-1	460-255300-2	460-255300-4	460-255300-3	460-255300-6
Date Sampled		3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	40 U	40 U	40 U	40 U
Antimony	**3**	**5.4**	**5.9**	**6.2**	**4.5**	2 U
Arsenic	25	2 U	2 U	2 U	2 U	2 U
Barium	1,000	108	109	110	106	4 U
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U	2 U
Calcium	NS	64,300	64,700	62,700	48,100	500 U
Chromium, Total	50	4 U	4 U	4 U	4 U	4 U
Cobalt	NS	6.6	3.9 J	3.9 J	3.2 J	4 U
Copper	200	15.3	7.3	6	6.2	4 U
Iron	**300**	**393**	58.4 J	120 U	62.1 J	120 U
Lead	25	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	**35,000**	**47,300**	23,900	24,500	**47,100**	200 U
Manganese	**300**	**1,290**	**2,560**	**2,620**	**1,520**	8 U
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	14.2	14.2	14	21	4 U
Potassium	NS	6,570	5,590	5,630	7,970	200 U
Selenium	**10**	3	**10.6**	**10.3**	1.1 J	2.5 U
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**68,900**	**43,900**	**44,500**	**50,200**	500 U
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	4 U	4 U	4 U	4 U
Zinc	2,000	16 U	16 U	16 U	16 U	16 U

Table 12
975 Nostrand Avenue
Brooklyn, NY
Remedial Investigation
Groundwater Analytical Results of PCBs

AKRF Sample ID		RI-MW-02_20220330	RI-MW-03_20220330	RI-MW-X_20220330	RI-MW-04_20220330	RI-FB-GW_20220330
Laboratory Sample ID		460-255300-1	460-255300-2	460-255300-4	460-255300-3	460-255300-6
Date Sampled		3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	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
PCB-1221 (Aroclor 1221)	NS	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
PCB-1242 (Aroclor 1242)	NS	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
PCB-1254 (Aroclor 1254)	NS	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
PCB-1262 (Aroclor 1262)	NS	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
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 13
975 Nostrand Avenue
Brooklyn, NY
Remedial Investigation
Groundwater Analytical Results of Pesticides

AKRF Sample ID		RI-MW-02_20220330	RI-MW-03_20220330	RI-MW-X_20220330	RI-MW-04_20220330	RI-FB-GW_20220330
Laboratory Sample ID		460-255300-1	460-255300-2	460-255300-4	460-255300-3	460-255300-6
Date Sampled		3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	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
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	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
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	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
cis-Chlordane	NS	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
Dieldrin	0.004	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
Endosulfans ABS	NS	NR	NR	NR	NR	0 U
Endrin	ND	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
Endrin Ketone	5	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
Heptachlor	0.04	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
Methoxychlor	35	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
P,P'-DDE	0.2	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
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 14
975 Nostrand Avenue
Brooklyn, NY
Remedial Investigation
Groundwater Analytical Results of PFAS

	AKRF Sample ID	RI-MW-02_20220330	RI-MW-03_20220330	RI-MW-X_20220330	RI-MW-04_20220330	RI-FB-GW_20220330
	Laboratory Sample ID	200-62791-1	200-62791-2	200-62791-4	200-62791-3	200-62791-5
	Date Sampled	3/30/2022	3/30/2022	3/30/2022	3/30/2022	3/30/2022
	Unit	ppt	ppt	ppt	ppt	ppt
	Dilution Factor	1	1	1	1	1
Compound	**NYSDEC PFAS Screening Level**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	100	4.5 U	4.51 U	4.65 U	4.61 U	4.52 U
8:2 Fluorotelomer sulfonate	100	1.8 U	1.8 U	1.86 U	1.84 U	1.81 U
N-ethyl perfluorooctanesulfonamidoacetic acid	100	4.5 U	4.51 U	4.65 U	4.61 U	4.52 U
N-methyl perfluorooctanesulfonamidoacetic acid	100	4.5 U	4.51 U	4.65 U	4.61 U	4.52 U
Perfluorobutanesulfonic acid	100	4.72	7.07	7.51	2.7	1.81 U
Perfluorobutanoic acid	100	9.63	9.95	10.1	6.23	4.52 U
Perfluorodecanesulfonic acid	100	1.8 U	1.8 U	1.86 U	1.84 U	1.81 U
Perfluorodecanoic acid	100	1.8 U	1.8 U	1.86 U	1.84 U	1.81 U
Perfluorododecanoic acid	100	1.8 U	1.8 U	1.86 U	1.84 U	1.81 U
Perfluoroheptanesulfonic acid	100	0.28 J	1.8 U	1.86 U	1.84 U	1.81 U
Perfluoroheptanoic acid	100	14.5	25.7	23.1	6.95	1.81 U
Perfluorohexanesulfonic acid	100	5.33	3.22	3.21	2.41	1.81 U
Perfluorohexanoic acid	100	21.3	23.8	24	13.1	1.81 U
Perfluorononanoic acid	100	1.95	1.8 U	1.86 U	1.02 J	1.81 U
Perfluorooctanesulfonic acid	**10**	**16.5**	1.29 J	1.32 J	8.6	1.81 U
Perfluorooctanoic acid	**10**	**32.7**	**17.7**	**18.4**	**12.2**	1.81 U
Perfluoropentanoic acid	100	21.9	23.4	23	20.2	1.81 U
Perfluorotetradecanoic acid	100	1.8 U	1.8 U	1.86 U	1.84 U	1.81 U
Perfluorotridecanoic acid	100	1.8 U	1.8 U	1.86 U	1.84 U	1.81 U
Perfluoroundecanoic acid	100	1.8 U	1.8 U	1.86 U	1.84 U	1.81 U
Perfluroroctanesulfonamide	100	1.8 U	1.8 U	1.86 U	1.84 U	1.81 U

Table 15
975 Nostrand Avenue
Brooklyn, NY
Remedial Investigation
Soil Vapor Analytical Results of VOCs

		Sample ID	RI-SV-01_20220329	RI-SV-02_20220329	RI-SV-03_20220329	RI-SV-04_20220329	RI-SV-05_20220329
		Lab Sample ID	L2216213-01	L2216213-02	L2216213-03	L2216213-04	L2216213-05
		Date Sampled	3/29/2022	3/29/2022	3/29/2022	3/29/2022	3/29/2022
		Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
		Dilution Factor	1.163	2.5	5	1	1
Compound	**NYSDOH Matrix Value**	**NYSDOH AGVs**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1,000	NS	2.49	900	5.46 U	12.5	53.1
1,1,2,2-Tetrachloroethane	NS	NS	1.6 U	3.43 U	6.87 U	1.37 U	1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	1.79 U	3.83 U	7.66 U	1.53 U	1.53 U
1,1,2-Trichloroethane	NS	NS	1.27 U	2.73 U	5.46 U	1.09 U	1.09 U
1,1-Dichloroethane	NS	NS	0.943 U	35.8	4.05 U	0.809 U	0.809 U
1,1-Dichloroethene	60	NS	0.924 U	1.98 U	3.96 U	0.793 U	0.793 U
1,2,4-Trichlorobenzene	NS	NS	1.73 U	3.71 U	7.42 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene	NS	NS	10.7	60.5	9.24	57.5	57.5
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1.79 U	3.84 U	7.69 U	1.54 U	1.54 U
1,2-Dichlorobenzene	NS	NS	1.4 U	3.01 U	6.01 U	1.2 U	1.2 U
1,2-Dichloroethane	NS	NS	0.943 U	2.02 U	4.05 U	0.809 U	0.809 U
1,2-Dichloropropane	NS	NS	1.08 U	2.31 U	4.62 U	0.924 U	0.924 U
1,2-Dichlorotetrafluoroethane	NS	NS	1.63 U	3.49 U	6.99 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	NS	3.5	15.9	4.92 U	14.6	14.1
1,3-Butadiene	NS	NS	15.2	1.11 U	2.43	0.442 U	0.442 U
1,3-Dichlorobenzene	NS	NS	1.4 U	3.01 U	6.01 U	1.2 U	1.2 U
1,4-Dichlorobenzene	NS	NS	1.4 U	3.01 U	6.01 U	2.39	1.2 U
2,2,4-Trimethylpentane	NS	NS	41.8	4.27	67.7	2.99	1.85
2-Hexanone	NS	NS	0.955 U	2.05 U	4.1 U	0.82 U	0.82 U
4-Ethyltoluene	NS	NS	2.85	11.5	4.92 U	12	11.5
Acetone	NS	NS	295	86	770	185	181
Allyl Chloride (3-Chloropropene)	NS	NS	0.729 U	1.57 U	3.13 U	0.626 U	0.626 U
Benzene	NS	NS	7.89	6.96	7.48	6.49	4.73
Benzyl Chloride	NS	NS	1.21 U	2.59 U	5.18 U	1.04 U	1.04 U
Bromodichloromethane	NS	NS	1.56 U	3.35 U	6.7 U	1.34 U	1.34 U
Bromoform	NS	NS	2.41 U	5.17 U	10.3 U	2.07 U	2.07 U
Bromomethane	NS	NS	0.905 U	1.94 U	3.88 U	0.777 U	0.777 U
Carbon Disulfide	NS	NS	8.72	4.86	11.3	1.77	1.52
Carbon Tetrachloride	60	NS	1.47 U	3.15 U	6.29 U	1.26 U	1.26 U
Chlorobenzene	NS	NS	1.07 U	2.3 U	4.61 U	0.921 U	0.921 U
Chloroethane	NS	NS	0.615 U	1.32 U	2.64 U	0.528 U	0.528 U
Chloroform	NS	NS	2.4	68.4	12.2	5.03	0.977 U
Chloromethane	NS	NS	1.85	1.03 U	2.07 U	0.498	0.413 U
Cis-1,2-Dichloroethylene	60	NS	0.924 U	1.98 U	3.96 U	0.793 U	0.793 U
Cis-1,3-Dichloropropene	NS	NS	1.06 U	2.27 U	4.54 U	0.908 U	0.908 U
Cyclohexane	NS	NS	3.86	5.13	20.9	22.7	2.11
Dibromochloromethane	NS	NS	1.99 U	4.26 U	8.52 U	1.7 U	1.7 U
Dichlorodifluoromethane	NS	NS	4.94	33.8	4.94 U	20.7	25.9
Ethanol	NS	NS	11 U	23.6 U	47.1 U	24.1	35.2
Ethyl Acetate	NS	NS	2.1 U	4.5 U	9.01 U	1.8 U	1.8 U
Ethylbenzene	NS	NS	10.8	20.2	53	20.2	15.3
Hexachlorobutadiene	NS	NS	2.49 U	5.33 U	10.7 U	2.13 U	2.13 U
Isopropanol	NS	NS	4.28	3.07 U	6.15 U	3.07	2.14
M,P-Xylenes	NS	NS	33.1	92.5	142	86	69.1
Methyl Ethyl Ketone (2-Butanone)	NS	NS	19.3	4.48	34.5	5.78	10.9
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	2.39 U	5.12 U	10.2 U	2.05 U	2.05 U
Methylene Chloride	1,000	60	2.02 U	4.34 U	9.1	1.74 U	1.74 U
N-Heptane	NS	NS	45.9	10.8	79.1	12.2	7.01
N-Hexane	NS	NS	18.5	60.6	13.9	234	16.6
O-Xylene (1,2-Dimethylbenzene)	NS	NS	13.3	38.5	88.6	36.3	28.9
Styrene	NS	NS	0.992 U	2.13 U	4.26 U	0.852 U	0.852 U
Tert-Butyl Alcohol	NS	NS	1.76 U	3.79 U	7.58 U	1.52 U	1.52 U
Tert-Butyl Methyl Ether	NS	NS	0.84 U	1.8 U	3.61 U	0.721 U	0.721 U
Tetrachloroethylene (PCE)	1,000	**30**	3.78	27.8	6.78 U	4.44	5.33
Tetrahydrofuran	NS	NS	1.72 U	3.69 U	7.37 U	1.57	1.47 U
Toluene	NS	NS	21.9	38.4	56.5	48.6	35.8
Trans-1,2-Dichloroethene	NS	NS	0.924 U	1.98 U	3.96 U	0.793 U	0.793 U
Trans-1,3-Dichloropropene	NS	NS	1.06 U	2.27 U	4.54 U	0.908 U	0.908 U
Trichloroethylene (TCE)	60	**2**	1.25 U	2.69 U	5.37 U	1.07 U	**4**
Trichlorofluoromethane	NS	NS	4.3	2.81 U	5.62 U	1.83	3.03
Vinyl Bromide	NS	NS	1.02 U	2.19 U	4.37 U	0.874 U	0.874 U
Vinyl Chloride	60	NS	0.596 U	1.28 U	2.56 U	0.511 U	0.511 U

Table 15
975 Nostrand Avenue
Brooklyn, NY
Remedial Investigation
Soil Vapor Analytical Results of VOCs

		Sample ID	RI-SV-06_20220329	RI-SV-07_20220329	RI-SV-08_20220329	RI-SV-09_20220329	RI-SV-10_20220329
		Lab Sample ID	L2216213-06	L2216213-07	L2216213-08	L2216213-09	L2216213-10
		Date Sampled	3/29/2022	3/29/2022	3/29/2022	3/29/2022	3/29/2022
		Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
		Dilution Factor	1	1	1	3.333	66.31
Compound	**NYSDOH Matrix Value**	**NYSDOH AGVs**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1,000	NS	1.09 U	1.09 U	1.09 U	3.64 U	72.6 U
1,1,2,2-Tetrachloroethane	NS	NS	1.37 U	1.37 U	1.37 U	4.58 U	91.3 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	1.53 U	1.53 U	1.53 U	5.11 U	102 U
1,1,2-Trichloroethane	NS	NS	1.09 U	1.09 U	1.09 U	3.64 U	72.6 U
1,1-Dichloroethane	NS	NS	0.809 U	0.809 U	0.809 U	2.7 U	53.8 U
1,1-Dichloroethene	60	NS	0.793 U	0.793 U	0.793 U	2.64 U	52.7 U
1,2,4-Trichlorobenzene	NS	NS	1.48 U	1.48 U	1.48 U	4.95 U	98.7 U
1,2,4-Trimethylbenzene	NS	NS	12.4	8.8	7.92	4	65.4 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1.54 U	1.54 U	1.54 U	5.13 U	102 U
1,2-Dichlorobenzene	NS	NS	1.2 U	1.2 U	1.2 U	4.01 U	80 U
1,2-Dichloroethane	NS	NS	0.809 U	0.809 U	0.809 U	2.7 U	53.8 U
1,2-Dichloropropane	NS	NS	0.924 U	0.924 U	0.924 U	3.08 U	61.5 U
1,2-Dichlorotetrafluoroethane	NS	NS	1.4 U	1.4 U	1.4 U	4.66 U	93 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	NS	3.92	2.88	2.24	3.28 U	65.4 U
1,3-Butadiene	NS	NS	3.12	1.25	0.571	1.48 U	29.4 U
1,3-Dichlorobenzene	NS	NS	1.2 U	1.2 U	1.2 U	4.01 U	80 U
1,4-Dichlorobenzene	NS	NS	1.2 U	1.2 U	1.2 U	4.01 U	80 U
2,2,4-Trimethylpentane	NS	NS	0.934 U	1.37	0.934 U	5.37	62.1 U
2-Hexanone	NS	NS	7.58	5.29	2.97	2.73 U	54.5 U
4-Ethyltoluene	NS	NS	2.67	2	1.63	3.28 U	65.4 U
Acetone	NS	NS	466	349	314	413	309
Allyl Chloride (3-Chloropropene)	NS	NS	0.626 U	0.626 U	0.626 U	2.09 U	41.6 U
Benzene	NS	NS	4.06	2.27	1.58	2.4	42.5 U
Benzyl Chloride	NS	NS	1.04 U	1.04 U	1.04 U	3.45 U	68.9 U
Bromodichloromethane	NS	NS	1.34 U	1.34 U	1.34 U	4.47 U	89.1 U
Bromoform	NS	NS	2.07 U	2.07 U	2.07 U	6.9 U	138 U
Bromomethane	NS	NS	0.777 U	0.777 U	0.777 U	2.59 U	51.6 U
Carbon Disulfide	NS	NS	5.42	4.61	4.27	2.08 U	41.4 U
Carbon Tetrachloride	60	NS	1.26 U	1.26 U	1.26 U	4.2 U	83.7 U
Chlorobenzene	NS	NS	0.921 U	0.921 U	0.921 U	3.07 U	61.3 U
Chloroethane	NS	NS	0.528 U	0.528 U	0.528 U	1.76 U	35.1 U
Chloroform	NS	NS	9.91	0.977 U	18.1	3.26 U	64.9 U
Chloromethane	NS	NS	0.56	0.413 U	0.964	1.38 U	27.5 U
Cis-1,2-Dichloroethylene	60	NS	0.793 U	0.793 U	0.793 U	2.64 U	52.7 U
Cis-1,3-Dichloropropene	NS	NS	0.908 U	0.908 U	0.908 U	3.03 U	60.4 U
Cyclohexane	NS	NS	2.49	0.957	0.688 U	4.3	45.8 U
Dibromochloromethane	NS	NS	1.7 U	1.7 U	1.7 U	5.68 U	113 U
Dichlorodifluoromethane	NS	NS	2.19	2.41	2.33	3.3 U	65.8 U
Ethanol	NS	NS	9.42 U	9.42 U	9.42 U	31.5 U	626 U
Ethyl Acetate	NS	NS	1.8 U	1.8 U	1.8 U	6.02 U	120 U
Ethylbenzene	NS	NS	9.95	6.56	4.95	21.1	57.8 U
Hexachlorobutadiene	NS	NS	2.13 U	2.13 U	2.13 U	7.11 U	142 U
Isopropanol	NS	NS	3.07	1.52	1.5	4.1 U	81.6 U
M,P-Xylenes	NS	NS	36.5	25.8	21.2	52.1	115 U
Methyl Ethyl Ketone (2-Butanone)	NS	NS	29.5	14.8	13.4	12.4	97.9 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	2.05 U	2.05 U	2.05 U	6.84 U	136 U
Methylene Chloride	1,000	60	1.74 U	1.74 U	1.74 U	5.8 U	115 U
N-Heptane	NS	NS	13.9	5.82	2.51	15	54.5 U
N-Hexane	NS	NS	14	3.12	1.58	10.1	46.9 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	14.5	10.5	8.3	34	57.8 U
Styrene	NS	NS	0.852 U	0.852 U	0.852 U	2.84 U	56.6 U
Tert-Butyl Alcohol	NS	NS	2.32	1.52 U	1.52 U	5.06 U	101 U
Tert-Butyl Methyl Ether	NS	NS	0.721 U	0.721 U	0.721 U	2.4 U	48 U
Tetrachloroethylene (PCE)	1,000	**30**	1.36 U	27.1	1.36 U	4.52 U	**37,000**
Tetrahydrofuran	NS	NS	1.47 U	1.79	1.47 U	4.93 U	97.9 U
Toluene	NS	NS	21	14.9	8.97	11	50.1 U
Trans-1,2-Dichloroethene	NS	NS	0.793 U	0.793 U	0.793 U	2.64 U	52.7 U
Trans-1,3-Dichloropropene	NS	NS	0.908 U	0.908 U	0.908 U	3.03 U	60.4 U
Trichloroethylene (TCE)	60	**2**	1.07 U	1.07 U	1.07 U	3.58 U	**377**
Trichlorofluoromethane	NS	NS	1.43	1.12 U	1.12 U	3.75 U	74.7 U
Vinyl Bromide	NS	NS	0.874 U	0.874 U	0.874 U	2.92 U	58.2 U
Vinyl Chloride	60	NS	0.511 U	0.511 U	0.511 U	1.71 U	34 U

Table 15
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Remedial Investigation
Soil Vapor Analytical Results of VOCs

		Sample ID	RI-SV-11_20220329	RI-SV-12_20220329	RI-AA_20220329
		Lab Sample ID	L2216213-11	L2216213-12	L2216213-13
		Date Sampled	3/29/2022	3/29/2022	3/29/2022
		Unit	µg/m^3	µg/m^3	µg/m^3
		Dilution Factor	3.571	1	1
Compound	**NYSDOH Matrix Value**	**NYSDOH AGVs**	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1,000	NS	3.9 U	1.09 U	1.09 U
1,1,2,2-Tetrachloroethane	NS	NS	4.9 U	1.37 U	1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	5.47 U	1.53 U	1.53 U
1,1,2-Trichloroethane	NS	NS	3.9 U	1.09 U	1.09 U
1,1-Dichloroethane	NS	NS	2.89 U	0.809 U	0.809 U
1,1-Dichloroethene	60	NS	2.83 U	0.793 U	0.793 U
1,2,4-Trichlorobenzene	NS	NS	5.3 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene	NS	NS	5.8	7.72	0.983 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	5.49 U	1.54 U	1.54 U
1,2-Dichlorobenzene	NS	NS	4.29 U	1.2 U	1.2 U
1,2-Dichloroethane	NS	NS	2.89 U	0.809 U	0.809 U
1,2-Dichloropropane	NS	NS	3.3 U	0.924 U	0.924 U
1,2-Dichlorotetrafluoroethane	NS	NS	4.99 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	NS	NS	3.51 U	2.35	0.983 U
1,3-Butadiene	NS	NS	14.2	0.715	0.442 U
1,3-Dichlorobenzene	NS	NS	4.29 U	1.2 U	1.2 U
1,4-Dichlorobenzene	NS	NS	4.29 U	1.2 U	1.2 U
2,2,4-Trimethylpentane	NS	NS	3.33 U	1.95	0.934 U
2-Hexanone	NS	NS	2.93 U	5.9	0.82 U
4-Ethyltoluene	NS	NS	3.51 U	1.72	0.983 U
Acetone	NS	NS	549	706	2.66
Allyl Chloride (3-Chloropropene)	NS	NS	2.23 U	0.626 U	0.626 U
Benzene	NS	NS	28.9	4.92	0.821
Benzyl Chloride	NS	NS	3.7 U	1.04 U	1.04 U
Bromodichloromethane	NS	NS	4.78 U	1.34 U	1.34 U
Bromoform	NS	NS	7.38 U	2.07 U	2.07 U
Bromomethane	NS	NS	2.77 U	0.777 U	0.777 U
Carbon Disulfide	NS	NS	125	1.99	0.623 U
Carbon Tetrachloride	60	NS	4.49 U	1.26 U	1.26 U
Chlorobenzene	NS	NS	3.29 U	0.921 U	0.921 U
Chloroethane	NS	NS	1.88 U	0.528 U	0.528 U
Chloroform	NS	NS	3.49 U	0.977 U	0.977 U
Chloromethane	NS	NS	2.52	0.626	1.52
Cis-1,2-Dichloroethylene	60	NS	5.51	0.793 U	0.793 U
Cis-1,3-Dichloropropene	NS	NS	3.24 U	0.908 U	0.908 U
Cyclohexane	NS	NS	5.82	1.3	0.688 U
Dibromochloromethane	NS	NS	6.08 U	1.7 U	1.7 U
Dichlorodifluoromethane	NS	NS	3.53 U	2.47	2.89
Ethanol	NS	NS	33.5 U	9.42 U	9.42 U
Ethyl Acetate	NS	NS	6.41 U	1.8 U	1.8 U
Ethylbenzene	NS	NS	13.7	5.95	0.869 U
Hexachlorobutadiene	NS	NS	7.62 U	2.13 U	2.13 U
Isopropanol	NS	NS	4.38 U	2.34	1.23 U
M,P-Xylenes	NS	NS	36.8	22.9	1.74 U
Methyl Ethyl Ketone (2-Butanone)	NS	NS	21	25	1.47 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	7.29 U	2.05 U	2.05 U
Methylene Chloride	1,000	60	6.18 U	1.74 U	1.74 U
N-Heptane	NS	NS	19.8	6.31	0.82 U
N-Hexane	NS	NS	22.9	3.7	0.705 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	13.4	9.21	0.869 U
Styrene	NS	NS	3.04 U	0.852 U	0.852 U
Tert-Butyl Alcohol	NS	NS	5.4 U	2.57	1.52 U
Tert-Butyl Methyl Ether	NS	NS	2.57 U	0.721 U	0.721 U
Tetrachloroethylene (PCE)	1,000	**30**	**262**	1.44	1.36 U
Tetrahydrofuran	NS	NS	5.25 U	1.47 U	1.47 U
Toluene	NS	NS	21.4	15.4	1.08
Trans-1,2-Dichloroethene	NS	NS	2.83 U	0.793 U	0.793 U
Trans-1,3-Dichloropropene	NS	NS	3.24 U	0.908 U	0.908 U
Trichloroethylene (TCE)	60	**2**	**9.51**	1.95	1.07 U
Trichlorofluoromethane	NS	NS	4.01 U	1.21	1.48
Vinyl Bromide	NS	NS	3.12 U	0.874 U	0.874 U
Vinyl Chloride	60	NS	1.83 U	0.511 U	0.511 U

Tables 1-15
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Notes

DEFINITIONS

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

J : The reported value is estimated

K : Reported concentration value is proportional to dilution factor and may be exaggerated

R : Indicates the reported result is unusable. (note: the analyte may or may not be present.)

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

D : Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences betweer

L : Sample result is estimated and biased low.

NS : No Standard

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

NR : Not Reported

mg/kg : milligrams per kilogram

mg/L : milligrams per liter

ppb : parts per billion

ppt : parts per trillion

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 New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

Note: Endosulfans ABS represents the detected sum of Endosulfan I, Endosulfan II, and Endosulfan Sulfate.

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

EPA Hazardous Waste Criteria by TCLP : Protection of Environment. Chapter I - United States Environmental Protection Agency. Subchapter I - Solid Wastes. Part 261 - Identification And Listing Of Hazardous Waste.
Subpart C - Characteristics Of Hazardous Waste. § 261.24 (b)
Table 1—Maximum Concentration of Contaminants for the Toxicity Characteristic.

Exceedances of the EPA Hazardous Waste Criteria are highlighted in bold font.

NYSDEC Part 375 PFAS Guidance Values : New York State Department of Environmental Conservation (NYSDEC) Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Issued January 2021.

Exceedances of NYSDEC PFAS Unrestricted Use Guidance Values (UUGVs) are highlighted in bold font.
Exceedances of NYSDEC PFAS Restricted Residential Guidance Values (RRGVs) are highlighted in gray shading
Exceedances of NYSDEC PFAS Groundwater Screening Levels are highlighted in bold italic font.

NYSDEC Class GA AWQSGVs : New York State Department of Environmental Conservation (NYSDEC) 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.

NYSDOH Soil Vapor Intrusion Air Guidance Value : New York State Department of Health (NYSDOH) Air Guideline Values (AGVs) presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 ("NYSDOH Vapor Intrusion Guidance Document"), updated September 2013 for change of AGV for PCE, August 2015 for TCE, and May 2017 for NYSDOH Matrices A, B, and C for PCE, TCE, c1,2-DCE, 1,1-DCE, carbon tetrachloride, 1,1,1-TCA, methylene chloride, and vinyl chloride. The matrix values listed are the sub-slab soil vapor concentration where mitigation is recommended regardless of the indoor air concentration.

Exceedances of NYSDOH AGVs are highlighted in bold font.
Exceedances of NYSDOH Matrix Values are highlighted in gray shading.

DUPLICATES

RI-MW-X_20220330 is a blind duplicate of sample RI-MW-03_20220330
RI-SB-X_0-2_20220323 is a blind duplicate of sample RI-SB-08_0-2_20220323
RI-SB-X2_7-9_20220328 is a blind duplicate of sample RI-SB-10_7-9_20220328
RI-SB-X3_8-10_20220328 is a blind duplicate of sample RI-SB-16_8-10_20220328