

Ms. Sarah Pizer
Stevenson B3 LLC (% Camber Property Group)
116 East 27th Street, 11th Floor
New York, NY 10016

January 23, 2025

**Re: Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation Results**

Dear Ms. Pizer:

AKRF, Inc. (AKRF) conducted a Subsurface Investigation on behalf of Stevenson B3 LLC at the Stevenson Commons Building B3 project site, located at 1850 Lafayette Avenue in the Bronx, New York (the Site). The Site is legally identified as Bronx Borough Tax Block 3600, portions of Lots 4, 15, and 25. The approximately 2.36-acre Site consists of a vacant field with overgrown vegetation and portions of an east-adjacent fire lane; and is bounded to the north by parking lots and tennis courts associated with the existing Stevenson Commons apartment complex, followed by Lafayette Avenue; to the east by a paved fire lane, followed by the existing Stevenson Commons apartment complex; to the south by the Stevenson Commons Building B4 and B5 project sites (actively under construction), followed by Seward Avenue; and to the west by Thieriot Avenue, followed by residential buildings. A Site Location Map is provided as Figure 1 and a Site Plan is provided as Figure 2.

The purpose of the Subsurface Investigation was to obtain additional soil, groundwater, and soil vapor data at the Site to support a New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) application. The Subsurface Investigation was conducted in December 2024 and included the following scope of work:

1. Conducted a geophysical survey to investigate the potential presence of underground storage tanks (USTs), and to clear boring locations of underground utilities;
2. Advanced 12 soil borings across the Site and collected 36 soil samples for chemical analysis to evaluate soil quality;
3. Installed three permanent two-inch diameter groundwater monitoring wells across the Site and collected three groundwater samples for chemical analysis to evaluate groundwater quality; and,
4. Installed three temporary soil vapor points across the Site and collected three soil vapor samples for chemical analysis to evaluate soil vapor quality.

The locations of the soil borings, groundwater monitoring wells, and soil vapor points are included on Figure 2. A formal Remedial Investigation Work Plan (RIWP) that includes the above scope of work in addition to proposed supplemental soil, groundwater, and soil vapor sampling and historic sampling will be submitted along with the BCP Application, and a Remedial Investigation Report (RIR) will be prepared that includes findings from all investigations.

Soil Boring Advancement and Sampling

On December 17 and 18, 2024, 12 soil borings (SB-01 through SB-12) were advanced across the Site at the locations shown on Figure 2. The soil borings were advanced by Coastal Environmental Solutions, Inc. of Holbrook, New York (Coastal) using a Geoprobe® direct-push probe (DPP) drill rig to a depth of approximately 10 feet below ground surface (bgs). Soil cores were continuously collected in five-foot long, two-inch diameter, stainless steel macrocore piston rod samplers fitted with dedicated, internal acetate liners. The cores were field-screened using a photoionization detector (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.

At each boring location, AKRF field personnel recorded and documented subsurface conditions. All sampling equipment was either dedicated or decontaminated between sampling locations.

At each boring location, one grab sample was collected for analysis from surface grade to 2 feet bgs; a second grab sample was collected for analysis from the 2 to 4 feet bgs interval; and a third grab sample was collected for analysis from the two-foot interval with the highest PID readings or visual evidence of contamination, or in the absence of any such signs of contamination, the two-foot interval directly above the groundwater interface (8 to 10 feet bgs interval). No PID readings, odors, and/or staining were detected in any of the soil borings; therefore, the third sample was consistently collected from the 8 to 10 feet bgs interval. Upon completion of the soil sampling, the borings were backfilled to their original surface condition. Disposable sampling equipment (e.g., acetate liners, gloves, plastic bags, paper towels, etc.) that came in contact with environmental media were disposed of as municipal trash in a facility trash dumpster as non-hazardous refuse.

Soil samples slated for laboratory analysis were labeled and placed in laboratory-supplied containers and shipped to the laboratory via courier with appropriate chain of custody documentation in accordance with United States Environmental Protection Agency (USEPA) protocols to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory. Three of the 12 samples were analyzed for the full NYSDEC Part 375 suite of analyses, which included volatile organic compounds (VOCs) by EPA Method 8260D, semivolatile organic compounds (SVOCs) by EPA Method 8270E, polychlorinated biphenyls (PCBs) by EPA Method 8082, pesticides by EPA Method 8081, the total analyte list (TAL) of metals by EPA Method 6000/7000 series plus mercury by EPA Method 7471B and hexavalent chromium by EPA Method 7196A, and per- and polyfluoroalkyl substances (PFAS) by EPA Method 1633. The remaining nine samples were analyzed for a limited set of analyses, specific to the known contamination identified during a previous subsurface (Phase II) investigation conducted by others in 2021, which included VOCs by EPA Method 8260D, polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270E, and TAL metals by EPA Method 6000/7000 series. All samples were additionally collected for Toxicity Characteristic Leaching Procedure (TCLP) on PAHs and metals; however, these analyses were held pending the results of the base scope. For quality assurance/quality control (QA/QC) purposes, two sets of blind duplicate samples, matrix spike (MS)/matrix spike duplicate (MSD) samples, field blanks, and trip blanks were also collected. The blind duplicate and field blank samples were analyzed for all testing parameters previously noted; and trip blank samples were analyzed for VOCs only. All laboratory analytical results were reported using Category B deliverables.

Soil sample analytical results were compared to the 6 New York Codes, Rules and Regulations (NYCRR) Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs), and PFAS Guidance Values, which are the applicable Soil Cleanup Objectives (SCOs) for the proposed use of the Site. Compounds additionally analyzed for TCLP were compared to their respective EPA Hazardous Thresholds. Soil sample analytical results are presented in Tables 1 through 7.

Permanent Groundwater Monitoring Well Installation and Development

Between December 17 and 19, 2024, three permanent two-inch diameter groundwater monitoring wells (MW-01 through MW-03) were installed across the Site at the locations shown on Figure 2. The wells were installed by Coastal using a Geoprobe® DPP drill rig. Each well was constructed with 10 feet of 0.020-inch slotted polyvinyl chloride (PVC) well screen. A No. 2 Morie sand pack was installed from the bottom of each well to approximately two feet above the well screen, followed by two feet of hydrated bentonite. The remaining annular space around the well was filled with bentonite-cement grout to approximately 0.5 feet bgs. The wells were subsequently finished with locking j-plugs, flush-mount well caps, and a concrete pad.

Following installation, the wells were developed to remove any accumulated fines and to establish a hydraulic connection with the surrounding aquifer. Well development methods included pumping and surging the water column using a Monsoon pump affixed with dedicated tubing, a surge block, and a foot valve. The purge water was continuously monitored using a Horiba U-52 water quality meter, and development continued until the turbidity was less than 50 nephelometric turbidity units (NTUs) for three successive readings, and water quality indicators (i.e., pH, temperature, oxidation reduction potential, dissolved oxygen, and specific conductivity) stabilized to within 10% for three successive readings.

On December 27, 2024, approximately one week after well installation, groundwater samples were collected using EPA low-flow sampling methodology using dedicated and decontaminated sampling equipment. Prior to collecting any groundwater samples, the depth to groundwater and the total well depths were measured at each monitoring well using a multi-parameter interface probe attached to a measuring tape accurate to 0.01 foot. No free phase product (NAPL) was detected in any of the wells during installation, purging, or sampling. Purging of the wells continued until the turbidity was less than 50 NTUs and groundwater quality parameters stabilized. All purge water was containerized in labeled, DOT-approved 55-gallon drums for off-site disposal at a permitted facility.

Groundwater samples slated for laboratory analysis were labeled and placed in laboratory-supplied containers and shipped to the laboratory via courier with appropriate chain of custody documentation in accordance with USEPA protocols to a NYSDOH ELAP-certified laboratory. One of the three samples were analyzed for the full NYSDEC Part 375 suite of analyses, which included VOCs by EPA Method 8260D, SVOCs by EPA Method 8270E, PCBs by EPA Method 8082, pesticides by EPA Method 8081, total and dissolved TAL metals by EPA Method 6000/7000 series plus mercury by EPA Method 7471B, and PFAS by EPA Method 1633 series. The remaining two samples were analyzed for a limited set of analyses, specific to the known contamination identified during a previous subsurface (Phase II) investigation conducted by others in 2021, which included VOCs by EPA Method 8260D, PAHs by EPA Method 8270E, and TAL metals by EPA Method 6000/7000 series plus mercury by EPA Method 7471B. For QA/QC purposes, one blind duplicate sample, MS/MSD sample, field blank, and trip blank were also collected. The blind duplicate and field blank sample were analyzed for all of the testing parameters previously noted; and the trip blank sample was analyzed for VOCs only. All laboratory analytical results were reported using Category B deliverables.

Groundwater sample analytical results were compared to the NYSDEC Class GA Ambient Water Quality Standards and Guidance Values (AWQSGVs) and PFAS Human Health Criteria Guidance Values. Groundwater sample analytical results are presented in Tables 8 through 14.

Temporary Soil Vapor Point Installation

On December 19, 2024, three temporary soil vapor points (SV-01 through SV-03) were installed across the Site at the locations shown on Figure 2. The vapor points were installed by Coastal by advancing an expendable drive point using a Geoprobe® DPP drill rig. At each point, a 6-inch stainless steel screen implant connected to Teflon™-lined polyethylene tubing was installed in the boring, and the sample tubing was extended from the bottom end of the screen to above grade. The borings were backfilled with No. 2 Morie sand to 6 inches above the screen. Hydrated bentonite was used to fill the remaining void around the sampling tubing to the ground surface.

Prior to sample collection, each vapor point was purged of three sample volumes using a GilAir Plus pump at a flow rate of 0.2 liter per minute. During purging, a shroud was placed over each point and helium gas was introduced through a small hole in the shroud to saturate the atmosphere around the sample port. Purged vapors were collected in a Tedlar® bag and field-screened for VOCs and methane using a MultiRAE PID. PID readings for VOCs ranged from non-detect (ND) to 1.9 ppm; no methane was detected in any of the vapor points. The purged vapor was also monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor point, and all soil vapor points passed the seal integrity tests.

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 period. Immediately after opening the flow control valve, the initial SUMMA® canister vacuum (inches of mercury) was recorded. After approximately two hours, the flow controller valve was closed, and the final vacuum was recorded. Methodologies used for soil vapor assessment were consistent with relevant portions of the NYSDOH *Final Guidance on Soil Vapor Intrusion*, October 2006. Samples were transported via courier with appropriate chain of custody documentation to a NYSDOH ELAP-certified laboratory for analysis of VOCs by EPA Method TO-15. All laboratory analytical results were reported using Category B deliverables.

Although there are currently no regulatory or published guidance values for VOCs in soil vapor, the soil vapor data was used to assess the potential for exposure to future building occupants and to help define the nature and extent of contamination at the Site. Soil vapor sample analytical results are presented in Table 15.

Geology and Hydrogeology

Soil beneath the Site consisted of fill material, including sand, gravel, silt, and brick from surface grade to the terminus of each boring at approximately 10 feet bgs. No PID readings, odors, and/or staining were detected in any of the soil borings. Groundwater beneath the Site was encountered between 11.05 and 13.01 feet bgs, and is expected to flow in a southwesterly direction.

Analytical Results

Laboratory analytical results for soil, groundwater, and soil vapor from this Subsurface Investigation are summarized in the sections below.

Soil

VOCs

Eleven VOCs, including acetone, carbon disulfide, methylene chloride, benzene, ethylbenzene, toluene, and xylenes (collectively referred to as BTEX), tetrachloroethene (PCE), and trichloroethene (TCE), were detected in one or more soil samples analyzed, at concentrations below UUSCOs. No other VOCs were detected above their reporting limits in any of the samples.

SVOCs

Thirty-eight SVOCs were detected in one or more of the soil samples analyzed. Nine SVOCs were detected at concentrations above the UUSCOs and/or RRSCOs, as presented in the following table, Table A.

Table A
SVOCs in Soil above UUSCOs and/or RRSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
4-Methylphenol (P-Cresol)	SB-06_0-2_20241217	0.33	100	1.2
Benzo(a)Anthracene	SB-02_8-10_20241217	1	1	13
	SB-04_0-2_20241217			2.1
	SB-05_0-2_20241217			4
	SB-05_2-4_20241217			2.2
	SB-06_0-2_20241217			2.9
	SB-06_2-4_20241217			2.3
	SB-06_8-10_20241217			1.5
	SB-12_0-2_20241218			1.3
	SB-12_2-4_20241218			2.3
	SB-12_8-10_20241218			2.4
Benzo(a)Pyrene	SB-02_8-10_20241217	1	1	12
	SB-04_0-2_20241217			2
	SB-05_0-2_20241217			4
	SB-05_2-4_20241217			1.9
	SB-06_0-2_20241217			2.8
	SB-06_2-4_20241217			2.4
	SB-06_8-10_20241217			1.5
	SB-12_0-2_20241218			1.2
	SB-12_2-4_20241218			2.3
	SB-12_8-10_20241218			2.3

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Benzo(b)Fluoranthene	SB-02_8-10_20241217	1	1	17
	SB-04_0-2_20241217			2.5
	SB-05_0-2_20241217			5.1
	SB-05_2-4_20241217			2.5
	SB-06_0-2_20241217			3.7
	SB-06_2-4_20241217			3
	SB-06_8-10_20241217			1.8
	SB-11_0-2_20241218			1.1
	SB-12_0-2_20241218			1.5
	SB-12_2-4_20241218			3
	SB-12_8-10_20241218			2.9
Benzo(k)Fluoranthene	SB-02_8-10_20241217	0.8	3.9	5.2
	SB-04_0-2_20241217			0.96
	SB-05_0-2_20241217			1.8
	SB-05_2-4_20241217			1
	SB-06_0-2_20241217			1.3
	SB-06_2-4_20241217			1.2
	SB-12_2-4_20241218			1.1
	SB-12_8-10_20241218			1.1
Chrysene	SB-02_8-10_20241217	1	3.9	14
	SB-04_0-2_20241217			2
	SB-05_0-2_20241217			4.1
	SB-05_2-4_20241217			2.2
	SB-06_0-2_20241217			2.7
	SB-06_2-4_20241217			2.3
	SB-06_8-10_20241217			1.5
	SB-12_0-2_20241218			1.2
	SB-12_2-4_20241218			2.4
	SB-12_8-10_20241218			2.4
Dibenz(a,h)Anthracene	SB-02_8-10_20241217	0.33	0.33	1.6
	SB-05_0-2_20241217			0.65
	SB-05_2-4_20241217			0.34
	SB-06_0-2_20241217			0.46
	SB-06_2-4_20241217			0.4
Indeno(1,2,3-c,d)Pyrene	SB-02_8-10_20241217	0.5	0.5	6.5
	SB-04_0-2_20241217			1.1
	SB-05_0-2_20241217			2.4
	SB-05_2-4_20241217			1.2
	SB-06_0-2_20241217			1.6
	SB-06_2-4_20241217			1.4
	SB-06_8-10_20241217			0.94
	SB-12_0-2_20241218			0.6
	SB-12_2-4_20241218			1.1
Phenol	SB-06_0-2_20241217	0.33	100	0.42
Notes: mg/kg = milligrams per kilogram Exceedances of RRSCOs are highlighted in bold font.				

Metals

Twenty-three metals were detected in one or more of the soil samples analyzed. Nine metals were detected at concentrations above the UUSCOs and/or RRSCOs, as presented in the following table, Table B.

Table B
Metals in Soil above UUSCOs and RRSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Arsenic	SB-02_8-10_20241217	13	16	14.7
	SB-04_2-4_20241217			30.5
	SB-04_8-10_20241217			125
	SB-06_0-2_20241217			20
	SB-07_0-2_20241217			47.5
Barium	SB-01_8-10_20241217	350	400	369
	SB-02_8-10_20241217			464
	SB-04_2-4_20241217			419
	SB-05_0-2_20241217			467
	SB-05_2-4_20241217			586
	SB-06_0-2_20241217			572
	SB-06_2-4_20241217			513
	SB-08_0-2_20241218			772
	SB-09_2-4_20241218			1,060
	SB-09_8-10_20241218			754
	SB-11_2-4_20241218			393
	SB-12_0-2_20241218			577
	SB-12_2-4_20241218			790
	SB-12_8-10_20241218			1,010
Cadmium	SB-04_2-4_20241217	2.5	4.3	5
	SB-04_8-10_20241217			23.3
	SB-06_0-2_20241217			4.1
	SB-12_2-4_20241218			3.4
Copper	SB-01_2-4_20241217	50	270	51.3
	SB-04_0-2_20241217			59
	SB-04_8-10_20241217			75.5
	SB-05_0-2_20241217			1,010
	SB-05_2-4_20241217			69
	SB-05_8-10_20241217			3,810
	SB-06_0-2_20241217			173
	SB-06_2-4_20241217			82.3
	SB-06_8-10_20241217			70.3
	SB-08_8-10_20241218			231
	SB-09_2-4_20241218			165
	SB-09_8-10_20241218			95.9
	SB-10_0-2_20241218			80.6
	SB-12_0-2_20241218			127
	SB-12_2-4_20241218			139
	SB-12_8-10_20241218			847
	SB-X1_2-4_20241218			52.1

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Lead	SB-02_0-2_20241217	63	400	128
	SB-02_2-4_20241217			189
	SB-02_8-10_20241217			475
	SB-03_0-2_20241218			304
	SB-03_2-4_20241218			292
	SB-03_8-10_20241218			197
	SB-04_0-2_20241217			423
	SB-04_2-4_20241217			1,250
	SB-04_8-10_20241217			4,880
	SB-05_0-2_20241217			396
	SB-05_2-4_20241217			305
	SB-05_8-10_20241217			69,600
	SB-06_0-2_20241217			1,160
	SB-06_2-4_20241217			683
	SB-06_8-10_20241217			421
	SB-07_2-4_20241217			73
	SB-07_8-10_20241217			255
	SB-08_0-2_20241218			597
	SB-08_8-10_20241218			226
	SB-09_0-2_20241218			140
	SB-09_2-4_20241218			496
	SB-09_8-10_20241218			706
	SB-10_8-10_20241218			1,550
	SB-11_2-4_20241218			213
	SB-12_0-2_20241218			445
	SB-12_2-4_20241218			439
	SB-12_8-10_20241218			418
	SB-X1_2-4_20241218			116
Mercury	SB-01_8-10_20241217	0.18	0.81	0.21
	SB-02_0-2_20241217			0.24
	SB-02_8-10_20241217			0.63
	SB-03_0-2_20241218			0.22
	SB-03_2-4_20241218			0.29
	SB-03_8-10_20241218			0.32
	SB-04_0-2_20241217			0.36
	SB-04_2-4_20241217			0.94
	SB-04_8-10_20241217			0.59
	SB-05_0-2_20241217			0.72
	SB-05_2-4_20241217			0.23
	SB-05_8-10_20241217			0.25
	SB-06_0-2_20241217			1.5
	SB-06_2-4_20241217			112
	SB-06_8-10_20241217			0.58
	SB-07_0-2_20241217			0.3
	SB-07_2-4_20241217			2.6
	SB-07_8-10_20241217			0.26
	SB-08_0-2_20241218			1
	SB-08_2-4_20241218			0.31
	SB-08_8-10_20241218			0.23
	SB-09_0-2_20241218			0.19
	SB-09_2-4_20241218			0.7
	SB-12_0-2_20241218			0.52
	SB-12_2-4_20241218			1.2
	SB-12_8-10_20241218			0.34

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Nickel	SB-04_2-4_20241217	30	310	36.3
	SB-04_8-10_20241217			57.8
	SB-05_0-2_20241217			39.1
	SB-05_2-4_20241217			35.7
	SB-05_8-10_20241217			48.6
	SB-06_0-2_20241217			42
	SB-07_0-2_20241217			79.6
	SB-09_2-4_20241218			51.8
	SB-09_8-10_20241218			30.1
	SB-11_0-2_20241218			38
	SB-12_2-4_20241218			68.7
	SB-12_8-10_20241218			42.4
Silver	SB-05_2-4_20241217	2	180	4.2
	SB-05_8-10_20241217			2.9
	SB-09_8-10_20241218			2.2
	SB-12_8-10_20241218			2.1
Zinc	SB-02_8-10_20241217	109	10,000	619
	SB-03_0-2_20241218			164
	SB-03_2-4_20241218			244
	SB-03_8-10_20241218			270
	SB-04_0-2_20241217			261
	SB-04_2-4_20241217			211
	SB-04_8-10_20241217			234
	SB-05_0-2_20241217			433
	SB-05_2-4_20241217			395
	SB-05_8-10_20241217			1,540
	SB-06_0-2_20241217			670
	SB-06_2-4_20241217			455
	SB-06_8-10_20241217			355
	SB-07_8-10_20241217			192
	SB-08_0-2_20241218			1,010
	SB-08_2-4_20241218			138
	SB-08_8-10_20241218			282
	SB-09_0-2_20241218			1,730
	SB-09_2-4_20241218			1,290
	SB-09_8-10_20241218			1,010
	SB-10_8-10_20241218			907
	SB-11_0-2_20241218			119
	SB-11_2-4_20241218			291
	SB-12_0-2_20241218			432
	SB-12_2-4_20241218			673
	SB-12_8-10_20241218			1,030
	SB-X1_2-4_20241218			187
Notes: mg/kg = milligrams per kilogram SB-X1_2-4_20241218 is a blind duplicate of sample SB-09_2-4_20241218 Exceedances of RRSCOs are highlighted in bold font.				

TCLP Metals

Due to the elevated total concentrations of lead (max. 69,600 mg/kg), mercury (max. 112 mg/kg), arsenic (max. 125 mg/kg), and barium (max. 1,060 mg/kg) in up to nine samples [SB-04_2-4_20241217, SB-04_8-10_20241217, SB-05_8-10_20241217, SB-06_0-2_20241217, SB-06_2-4_20241217, SB-09_2-4_20241218, SB-09_8-10_20241218, SB-10_8-10_20241218, and SB-12_8-10_20241218], TCLP analysis was performed to identify leachable concentrations exceeding thresholds that would require management as regulated hazardous waste. One metal, lead, was detected at concentrations above its USEPA hazardous threshold, as presented in the following table, Table C.

Table C
TCLP Lead in Soil above USEPA Hazardous Threshold

Analyte	Sample Identification	Hazardous Waste Threshold (mg/L)	Concentration (mg/L)
TCLP Lead	SB-04_2-4_20241217	5	22.6
	SB-04_8-10_20241217		10.3
	SB-05_8-10_20241217		199
Notes: mg/kg = milligrams per kilogram			

Based on these result, management of regulated hazardous waste will be required.

PCBs and Pesticides

Two pesticides were detected in one or more of the soil samples analyzed. 4,4' – DDE and 4,4' – DDT were detected at concentrations above the UUSCOs, but below RRSCOs, as presented in the following Table D. No PCBs were detected above their reporting limits in the samples analyzed.

Table D
Pesticides in Soil above UUSCOs

Analyte	Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
P,P'-DDE	SB-06_8-10_20241217	0.0033	8.9	0.004 JHT
	SB-09_2-4_20241218			0.0081 HT
P,P'-DDT	SB-06_0-2_20241217	0.0033	7.9	0.0065 JHT
	SB-06_8-10_20241217			0.014 HT
	SB-09_2-4_20241218			0.0099 HT
	SB-09_8-10_20241218			0.0039 JHT
	SB-11_2-4_20241218			0.0053 JHT
	SB-11_8-10_20241218			0.0041 JHT
	SB-X1_2-4_20241218			0.0047 JHT

Notes:

mg/kg = milligrams per kilogram

J = The concentration given is an estimated value.

H = Sample result is estimated and biased high.

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

SB-X1_2-4_20241218 is a blind duplicate of sample SB-09_2-4_20241218

PFAS

Eight PFAS compounds were detected in one or more of the soil samples analyzed. The compound Perfluorooctanesulfonic acid (PFOS) was detected at concentrations above its UUGV, as presented in the following table, Table E.

Table E
PFAS in Soil above UUGVs

Analyte	Sample Identification	UUGV (ppb)	RRGV (ppb)	Concentration (ppb)
PFOS	SB-09_0-2_20241218	0.88	44	0.97
	SB-09_2-4_20241218			0.92
	SB-09_8-10_20241218			1.31
	SB-11_8-10_20241218			1.02
Notes: ppb = parts per billion				

GroundwaterVOCs

Four VOCs, including PCE, TCE, cis-1,2-Dichloroethene (cis-1,2-DCE), and vinyl chloride, were detected in one sample (MW-01_20241227) at concentrations ranging from 0.68 to 1.3 micrograms per liter (µg/L), below their respective AWQSGVs. No other VOCs were detected above their reporting limits in any of the samples.

SVOCs

No SVOCs were detected above their reporting limits in the samples analyzed.

Metals

In the unfiltered (total) groundwater samples, there were exceedances of the AWQSGVs for iron, lead, manganese, copper, nickel, antimony, arsenic, chromium, mercury and sodium, whereas in the filtered (dissolved) samples, exceedances were limited to iron, manganese, and sodium, as presented in the following tables, Tables F and G.

Table F
Total Metals in Groundwater Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
Antimony	MW-01_20241227	3	9.6
Arsenic	MW-01_20241227	25	303
Beryllium	MW-01_20241227	3	15.2
Chromium, Total	MW-01_20241227	50	122
Copper	MW-01_20241227	200	314
Iron	MW-01_20241227	300	71,900
	MW-02_20241227		1,920
	MW-03_20241227		1,660
	MW-0X_20241227		3,580
Lead	MW-01_20241227	25	473
	MW-02_20241227		61.3
	MW-0X_20241227		134
Magnesium	MW-01_20241227	35,000	35,500
Manganese	MW-01_20241227	300	999
Mercury	MW-01_20241227	0.7	1.2

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
Nickel	MW-01_20241227	100	121
Sodium	MW-01_20241227	20,000	73,000
	MW-02_20241227		43,300
	MW-03_20241227		29,100
	MW-0X_20241227		29,200
Thallium	MW-01_20241227	0.5	2.1
Notes: µg/L = micrograms per liter MW-0X_20241227 is a blind duplicate of sample MW-03_20241227			

Table G
Dissolved Metals in Groundwater Above AWQSGVs

Analyte	Sample Identification	AWQSGV (µg/L)	Concentration (µg/L)
Iron	MW-01_20241227	300	5,950
	MW-02_20241227		923
	MW-03_20241227		1,540
	MW-0X_20241227		1,520
Manganese	MW-01_20241227	300	706
Sodium	MW-01_20241227	20,000	75,700
	MW-02_20241227		40,200
	MW-03_20241227		28,000
	MW-0X_20241227		29,000
Notes: µg/L = micrograms per liter MW-0X_20241227 is a blind duplicate of sample MW-03_20241227			

The discrepancy between total and dissolved analysis indicates, as is typical, that the unfiltered samples included entrained particulate material. The exceedances in the filtered samples were likely indicative of natural conditions.

PCBs and Pesticides

No PCBs or pesticides were detected above their reporting limits in the samples analyzed.

PFAS

Ten PFAS compounds were detected in one or more of the groundwater samples analyzed. The compounds PFOS and perfluorooctanoic acid (PFOA) were detected at concentrations above their respective Human Health Criteria in both samples, as presented in the following table, Table H.

Table H
PFAS in Soil above UUGVs and RRGVs

Analyte	Groundwater Sample ID	Human Health Criteria (ng/L)	Concentration (ng/L)
PFOS	MW-03_20241227	2.7	9.95
	MW-0X_20241227		9.77
PFOA	MW-03_20241227	6.7	9.75
	MW-0X_20241227		9.63
Notes: ng/L = nanogram per liter MW-0X_20241227 is a blind duplicate of MW-03_20241227			

Soil Vapor

Forty VOCs were detected in one or more of the samples analyzed. Petroleum-related compounds including BTEX, cyclohexane, n-butane, n-hexane, n-heptane, n-propylbenzene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene were detected at concentrations up to 230 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) [n-heptane at SV-01_20241219]. Chlorinated solvent related compounds including PCE, TCE, cis-1,2-DCE, and methylene chloride were detected at concentrations up to 70 $\mu\text{g}/\text{m}^3$ [PCE at SV-01_20241219].

Conclusions

The December 2024 Subsurface Investigation identified soil concentrations above RRSCOs throughout the Site. The primary contaminants of concern in soil identified include PAHs and metals (i.e., lead, arsenic, barium and mercury) detected in soil, which appear to be associated with historical filling of a tidal creek previously located on the Site. The concentrations of PAHs and metals in soil appear to be distributed primarily across the northern, eastern, and southern portions of the Site, with the greatest concentrations of PAHs (up to 17 mg/kg) located in the southeastern corner, and the greatest concentrations of metals, specifically total lead at hazardous concentrations (up to 69,600 mg/kg), located in the northern portion of the Site (borings SB-04 and SB-05) between 2 and 10 feet bgs.

Please call me at (646) 388-9544 if you have any questions or comments.

Sincerely,
AKRF, Inc.



Deborah Shapiro, QEP
Senior Vice President



Tim Larigan
Technical Director

cc: A. Ramos – Camber Property Group
M. Bogin, J. Kung – Sive, Paget, and Riesel
M. Jepsen, C. Walters – AKRF

Attachments:

Figure 1– Site Location

Figure 2 – Sample Plan and Sample Locations

Table 1 – Soil Analytical Results of Volatile Organic Compounds (VOCs)

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

Table 3 – Soil Analytical Results of Metals

Table 4 – Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

Table 5 – Soil Analytical Results of Pesticides

Table 6 – Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

Table 7 – Soil Analytical Results of Toxicity Characteristic Leaching Procedure (TCLP) Metals

Table 8 – Groundwater Analytical Results of VOCs

Table 9 – Groundwater Analytical Results of SVOCs

Table 10 – Groundwater Analytical Results of Total Metals

Table 11 – Groundwater Analytical Results of Dissolved Metals

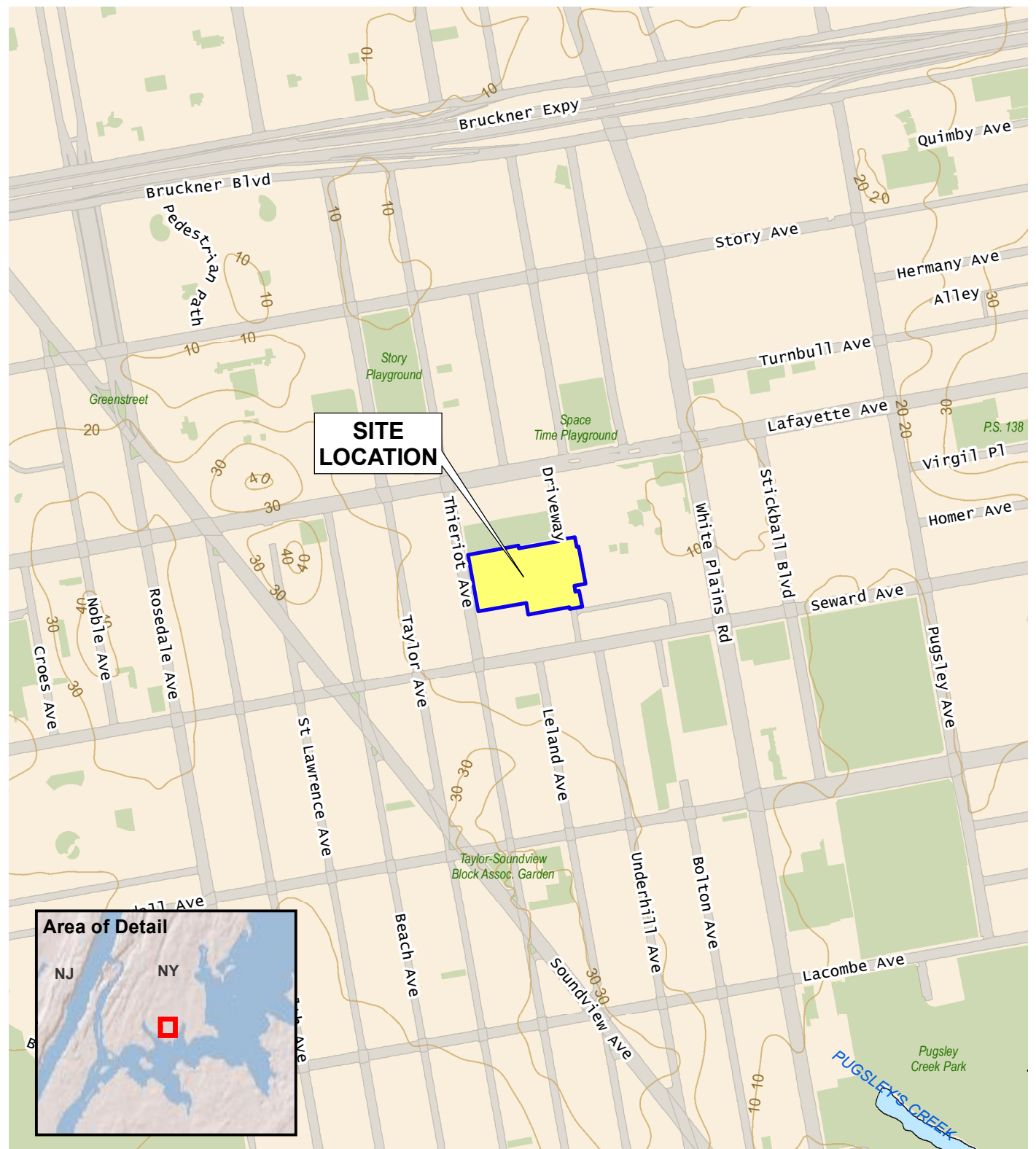
Table 12 – Groundwater Analytical Results of Polychlorinated Biphenyls (PCBs)

Table 13 – Groundwater Analytical Results of Pesticides

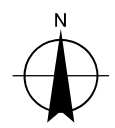
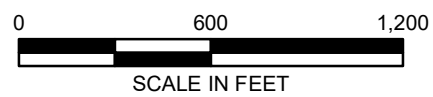
Table 14 – Groundwater Analytical Results of PFAS

Table 15 – Soil Vapor Analytical Results of VOCs

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



akrf
440 Park Avenue South, New York, NY 10016

Stevenson Commons B3
Bronx, New York

SITE LOCATION

DATE 1/22/2025
PROJECT NO. 240663
FIGURE 1

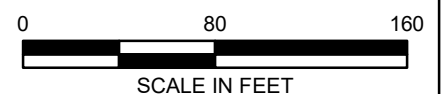
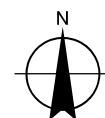
© 2025 AKRF Q:\Projects\240663 - STEVENSON COMMONS B3\Technical\GIS and Graphics\ISAR\240663 Fig 2 Site Plan and Sample Locations.mxd 1/22/2025 9:42:52 AM mveilleux



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

LEGEND

-  PROJECT SITE BOUNDARY
- 3600** BLOCK NUMBER
-  LOT BOUNDARY AND TAX LOT NUMBER
-  BUILDING
-  MONITORING WELL/SOIL VAPOR POINT/SOIL BORING LOCATION
-  SOIL BORING LOCATION



akrf

440 Park Avenue South, New York, NY 10016

Stevenson Commons B3
Bronx, New York

SITE PLAN AND SAMPLE LOCATIONS

DATE 1/22/2025
PROJECT NO. 240663
FIGURE 2

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY

Subsurface Investigation

Soil Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-01_0-2_20241217 460-317499-1 12/17/2024 mg/kg 1	SB-01_2-4_20241217 460-317499-2 12/17/2024 mg/kg 1	SB-01_8-10_20241217 460-317499-3 12/17/2024 mg/kg 1	SB-02_0-2_20241217 460-317499-4 12/17/2024 mg/kg 1	SB-02_2-4_20241217 460-317499-5 12/17/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
2-Hexanone	NS	NS	0.0057 U	0.005 U	0.005 U	0.0056 U	0.0053 U
Acetone	0.05	100	0.0068 U	0.006 U	0.01	0.0068 U	0.0063 U
Benzene	0.06	4.8	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0012
Bromochloromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Bromodichloromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Bromoform	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Bromomethane	NS	NS	0.0023 U	0.002 U	0.002 U	0.0023 U	0.0021 U
Carbon Disulfide	NS	NS	0.0011 U	0.001 U	0.00036 J	0.0011 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Chlorobenzene	1.1	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Chloroethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Chloroform	0.37	49	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Chloromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Cyclohexane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Dibromochloromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Ethylbenzene	1	41	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
M,P-Xylenes	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Methyl Acetate	NS	NS	0.0057 U	0.005 U	0.005 U	0.0056 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0057 U	0.005 U	0.005 U	0.0056 U	0.0053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0057 U	0.005 U	0.005 U	0.0056 U	0.0053 U
Methylcyclohexane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Methylene Chloride	0.05	100	0.0023 U	0.002 U	0.002 U	0.0023 U	0.0023
N-Butylbenzene	12	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
N-Propylbenzene	3.9	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Sec-Butylbenzene	11	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Styrene	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
T-Butylbenzene	5.9	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Toluene	0.7	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0003 J
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.001 U	0.00099 U	0.0011 U	0.0011 U
Xylenes, Total	0.26	100	0.0023 U	0.002 U	0.002 U	0.0023 U	0.0021 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY

Subsurface Investigation

Soil Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-02_8-10_20241217 460-317499-6 12/17/2024 mg/kg 1	SB-03_0-2_20241218 460-317606-20 12/18/2024 mg/kg 1	SB-03_2-4_20241218 460-317606-21 12/18/2024 mg/kg 1	SB-03_8-10_20241218 460-317606-22 12/18/2024 mg/kg 1	SB-04_0-2_20241217 460-317499-7 12/17/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,1,2-Trichloroethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,1-Dichloroethane	0.27	26	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,1-Dichloroethene	0.33	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2,4-Trimethylbenzene	3.6	52	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2-Dichlorobenzene	1.1	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,2-Dichloropropane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,3-Dichlorobenzene	2.4	49	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
1,4-Dichlorobenzene	1.8	13	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
2-Hexanone	NS	NS	0.0042 U	0.0048 U	0.0063 U	0.005 U	0.0052 U
Acetone	0.05	100	0.005 U	0.0057 U	0.0075 U	0.006 U	0.0062 U
Benzene	0.06	4.8	0.00084 U	0.00095 U	0.0013 U	0.00055 J	0.001 U
Bromochloromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Bromodichloromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Bromoform	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Bromomethane	NS	NS	0.0017 U	0.0019 U	0.0025 U	0.002 U	0.0021 U
Carbon Disulfide	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Carbon Tetrachloride	0.76	2.4	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Chlorobenzene	1.1	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Chloroethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Chloroform	0.37	49	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Chloromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Cis-1,2-Dichloroethylene	0.25	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Cyclohexane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Dibromochloromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Dichlorodifluoromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Ethylbenzene	1	41	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Isopropylbenzene (Cumene)	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
M,P-Xylenes	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Methyl Acetate	NS	NS	0.0042 U	0.0048 U	0.0063 U	0.005 U	0.0052 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0042 U	0.0048 U	0.0063 U	0.005 U	0.0052 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0042 U	0.0048 U	0.0063 U	0.005 U	0.0052 U
Methylcyclohexane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Methylene Chloride	0.05	100	0.0017 U	0.0019 U	0.0025 U	0.002 U	0.0021 U
N-Butylbenzene	12	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
N-Propylbenzene	3.9	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Sec-Butylbenzene	11	100	0.00084 U	0.00095 UT	0.0013 UT	0.001 UT	0.001 UT
Styrene	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
T-Butylbenzene	5.9	100	0.00084 U	0.00095 UT	0.0013 UT	0.001 UT	0.001 UT
Tert-Butyl Methyl Ether	0.93	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Tetrachloroethylene (PCE)	1.3	19	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Toluene	0.7	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Trans-1,2-Dichloroethene	0.19	100	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Trichloroethylene (TCE)	0.47	21	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Trichlorofluoromethane	NS	NS	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Vinyl Chloride	0.02	0.9	0.00084 U	0.00095 U	0.0013 U	0.001 U	0.001 U
Xylenes, Total	0.26	100	0.0017 U	0.0019 U	0.0025 U	0.002 U	0.0021 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY

Subsurface Investigation

Soil Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-04_2-4_20241217 460-317499-8 12/17/2024 mg/kg 1	SB-04_8-10_20241217 460-317499-9 12/17/2024 mg/kg 1	SB-05_0-2_20241217 460-317499-10 12/17/2024 mg/kg 1	SB-05_2-4_20241217 460-317499-11 12/17/2024 mg/kg 1	SB-05_8-10_20241217 460-317499-12 12/17/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,1,2-Trichloroethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,1-Dichloroethane	0.27	26	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,1-Dichloroethene	0.33	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2,3-Trichlorobenzene	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2,4-Trichlorobenzene	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2,4-Trimethylbenzene	3.6	52	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2-Dichlorobenzene	1.1	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2-Dichloroethane	0.02	3.1	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,2-Dichloropropane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,3-Dichlorobenzene	2.4	49	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
1,4-Dichlorobenzene	1.8	13	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
2-Hexanone	NS	NS	0.0047 U	0.0065 U	0.0051 U	0.005 U	0.0068 U
Acetone	0.05	100	0.0056 U	0.0078 U	0.0062 U	0.0061 U	0.0082 U
Benzene	0.06	4.8	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Bromochloromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Bromodichloromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Bromoform	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Bromomethane	NS	NS	0.0019 U	0.0026 U	0.0021 U	0.002 U	0.0027 U
Carbon Disulfide	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Carbon Tetrachloride	0.76	2.4	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Chlorobenzene	1.1	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Chloroethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Chloroform	0.37	49	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Chloromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Cis-1,2-Dichloroethylene	0.25	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Cis-1,3-Dichloropropene	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Cyclohexane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Dibromochloromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Dichlorodifluoromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Ethylbenzene	1	41	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Isopropylbenzene (Cumene)	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
M,P-Xylenes	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Methyl Acetate	NS	NS	0.0047 U	0.0065 U	0.0051 U	0.005 U	0.0068 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0047 U	0.0065 U	0.0051 U	0.005 U	0.0068 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0047 U	0.0065 U	0.0051 U	0.005 U	0.0068 U
Methylcyclohexane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Methylene Chloride	0.05	100	0.0019 U	0.0026 U	0.0021 U	0.002 U	0.0027 U
N-Butylbenzene	12	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
N-Propylbenzene	3.9	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Sec-Butylbenzene	11	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Styrene	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
T-Butylbenzene	5.9	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Tert-Butyl Methyl Ether	0.93	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Tetrachloroethylene (PCE)	1.3	19	0.00094 U	0.00055 J	0.001 U	0.001 U	0.0014 U
Toluene	0.7	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Trans-1,2-Dichloroethene	0.19	100	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Trans-1,3-Dichloropropene	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Trichloroethylene (TCE)	0.47	21	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Trichlorofluoromethane	NS	NS	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Vinyl Chloride	0.02	0.9	0.00094 U	0.0013 U	0.001 U	0.001 U	0.0014 U
Xylenes, Total	0.26	100	0.0019 U	0.0026 U	0.0021 U	0.002 U	0.0027 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY

Subsurface Investigation

Soil Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-06_0-2_20241217 460-317499-13 12/17/2024 mg/kg 1	SB-06_2-4_20241217 460-317499-14 12/17/2024 mg/kg 1	SB-06_8-10_20241217 460-317499-15 12/17/2024 mg/kg 1	SB-07_0-2_20241217 460-317499-16 12/17/2024 mg/kg 1	SB-07_2-4_20241217 460-317499-17 12/17/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2,4-Trimethylbenzene	3.6	52	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2-Dichlorobenzene	1.1	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,3-Dichlorobenzene	2.4	49	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
1,4-Dichlorobenzene	1.8	13	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
2-Hexanone	NS	NS	0.0054 U	0.0062 U	0.0093 U	0.0075 U	0.0092 U
Acetone	0.05	100	0.0065 U	0.0075 U	0.011 U	0.0091 U	0.011 U
Benzene	0.06	4.8	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Bromochloromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Bromodichloromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Bromoform	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Bromomethane	NS	NS	0.0022 U	0.0025 U	0.0037 U	0.003 U	0.0037 U
Carbon Disulfide	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Chlorobenzene	1.1	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Chloroethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Chloroform	0.37	49	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Chloromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Cyclohexane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Dibromochloromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Ethylbenzene	1	41	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
M,P-Xylenes	NS	NS	0.0011 U	0.0012 U	0.00061 J	0.0015 U	0.0018 U
Methyl Acetate	NS	NS	0.0054 U	0.0062 U	0.0093 U	0.0075 U	0.0092 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0054 U	0.0062 U	0.0093 U	0.0075 U	0.0092 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0054 U	0.0062 U	0.0093 U	0.0075 U	0.0092 U
Methylcyclohexane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Methylene Chloride	0.05	100	0.0022 U	0.0025 U	0.0037 U	0.003 U	0.0037 U
N-Butylbenzene	12	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
N-Propylbenzene	3.9	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.0012 U	0.00043 J	0.0015 U	0.0018 U
Sec-Butylbenzene	11	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Styrene	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
T-Butylbenzene	5.9	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Toluene	0.7	100	0.0011 U	0.0012 U	0.0013 J	0.0015 U	0.0018 U
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Trichloroethylene (TCE)	0.47	21	0.0011 U	0.0012 U	0.0019 U	0.0014 J	0.0018 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Vinyl Chloride	0.02	0.9	0.0011 U	0.0012 U	0.0019 U	0.0015 U	0.0018 U
Xylenes, Total	0.26	100	0.0022 U	0.0025 U	0.001 J	0.003 U	0.0037 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY

Subsurface Investigation

Soil Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-07_8-10_20241217 460-317499-18 12/17/2024 mg/kg 1	SB-08_0-2_20241218 460-317606-17 12/18/2024 mg/kg 1	SB-08_2-4_20241218 460-317606-18 12/18/2024 mg/kg 1	SB-08_8-10_20241218 460-317606-19 12/18/2024 mg/kg 1	SB-09_0-2_20241218 460-317606-4 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,1-Dichloroethane	0.27	26	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,1-Dichloroethene	0.33	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2,4-Trimethylbenzene	3.6	52	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2-Dichloroethane	0.02	3.1	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,2-Dichloropropane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,3-Dichlorobenzene	2.4	49	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
1,4-Dichlorobenzene	1.8	13	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
2-Hexanone	NS	NS	0.0048 U	0.0069 U	0.0045 U	0.0061 U	0.0053 U
Acetone	0.05	100	0.0058 U	0.0083 U	0.0054 U	0.0073 U	0.0064 U
Benzene	0.06	4.8	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Bromochloromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Bromodichloromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Bromoform	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Bromomethane	NS	NS	0.0019 U	0.0028 U	0.0018 U	0.0024 U	0.0021 U
Carbon Disulfide	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Carbon Tetrachloride	0.76	2.4	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Chlorobenzene	1.1	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Chloroethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Chloroform	0.37	49	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Chloromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Cis-1,2-Dichloroethylene	0.25	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Cyclohexane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Dibromochloromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Dichlorodifluoromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Ethylbenzene	1	41	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
M,P-Xylenes	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Methyl Acetate	NS	NS	0.0048 U	0.0069 U	0.0045 U	0.0061 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0048 U	0.0069 U	0.0045 U	0.0061 U	0.0053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0048 U	0.0069 U	0.0045 U	0.0061 U	0.0053 U
Methylcyclohexane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Methylene Chloride	0.05	100	0.0019 U	0.0028 U	0.0018 U	0.0024 U	0.0021 U
N-Butylbenzene	12	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
N-Propylbenzene	3.9	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Sec-Butylbenzene	11	100	0.00096 U	0.0014 UT	0.0009 UT	0.0012 UT	0.0011 UT
Styrene	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
T-Butylbenzene	5.9	100	0.00096 U	0.0014 UT	0.0009 UT	0.0012 UT	0.0011 UT
Tert-Butyl Methyl Ether	0.93	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	19	0.00096 U	0.00042 J	0.0009 U	0.0012 U	0.0011 U
Toluene	0.7	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Trichloroethylene (TCE)	0.47	21	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Trichlorofluoromethane	NS	NS	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Vinyl Chloride	0.02	0.9	0.00096 U	0.0014 U	0.0009 U	0.0012 U	0.0011 U
Xylenes, Total	0.26	100	0.0019 U	0.0028 U	0.0018 U	0.0024 U	0.0021 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY

Subsurface Investigation

Soil Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-09_2-4_20241218 460-317606-5 12/18/2024 mg/kg 1	SB-X1_2-4_20241218 460-317606-3 12/18/2024 mg/kg 1	SB-09_8-10_20241218 460-317606-6 12/18/2024 mg/kg 1	SB-10_0-2_20241218 460-317606-13 12/18/2024 mg/kg 1	SB-10_2-4_20241218 460-317606-14 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,1,2-Trichloroethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,1-Dichloroethane	0.27	26	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,1-Dichloroethene	0.33	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2,4-Trimethylbenzene	3.6	52	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2-Dichlorobenzene	1.1	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,3-Dichlorobenzene	2.4	49	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
1,4-Dichlorobenzene	1.8	13	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
2-Hexanone	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0051 U	0.0049 U
Acetone	0.05	100	0.0081 U	0.0083 U	0.0085 U	0.0061 U	0.0058 U
Benzene	0.06	4.8	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Bromochloromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Bromodichloromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Bromoform	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Bromomethane	NS	NS	0.0027 U	0.0028 U	0.0028 U	0.002 U	0.0019 U
Carbon Disulfide	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Chlorobenzene	1.1	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Chloroethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Chloroform	0.37	49	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Chloromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Cis-1,2-Dichloroethylene	0.25	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Cyclohexane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Dibromochloromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Dichlorodifluoromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Ethylbenzene	1	41	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Isopropylbenzene (Cumene)	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
M,P-Xylenes	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Methyl Acetate	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0051 U	0.0049 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0068 U	0.0069 U	0.007 U	0.0051 U	0.0049 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0068 U	0.0069 U	0.007 U	0.0051 U	0.0049 U
Methylcyclohexane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Methylene Chloride	0.05	100	0.0027 U	0.0028 U	0.0028 U	0.002 U	0.0019 U
N-Butylbenzene	12	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
N-Propylbenzene	3.9	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Sec-Butylbenzene	11	100	0.0014 UT	0.0014 UT	0.0014 UT	0.001 UT	0.00097 UT
Styrene	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
T-Butylbenzene	5.9	100	0.0014 UT	0.0014 UT	0.0014 UT	0.001 UT	0.00097 UT
Tert-Butyl Methyl Ether	0.93	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Tetrachloroethylene (PCE)	1.3	19	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Toluene	0.7	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Trans-1,2-Dichloroethene	0.19	100	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Trichloroethylene (TCE)	0.47	21	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Vinyl Chloride	0.02	0.9	0.0014 U	0.0014 U	0.0014 U	0.001 U	0.00097 U
Xylenes, Total	0.26	100	0.0027 U	0.0028 U	0.0028 U	0.002 U	0.0019 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY

Subsurface Investigation

Soil Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-10_8-10_20241218 460-317606-15 12/18/2024 mg/kg 1	SB-11_0-2_20241218 460-317606-10 12/18/2024 mg/kg 1	SB-11_2-4_20241218 460-317606-11 12/18/2024 mg/kg 1	SB-X2_2-4_20241218 460-317606-16 12/18/2024 mg/kg 1	SB-11_8-10_20241218 460-317606-12 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,1,2,2-Tetrachloroethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,1,2-Trichloroethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,1-Dichloroethane	0.27	26	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,1-Dichloroethene	0.33	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2,3-Trichlorobenzene	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2,4-Trichlorobenzene	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2,4-Trimethylbenzene	3.6	52	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2-Dichlorobenzene	1.1	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2-Dichloroethane	0.02	3.1	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,2-Dichloropropane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,3-Dichlorobenzene	2.4	49	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
1,4-Dichlorobenzene	1.8	13	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
2-Hexanone	NS	NS	0.005 U	0.0046 U	0.0054 U	0.0046 U	0.0047 U
Acetone	0.05	100	0.006 U	0.0055 U	0.0064 U	0.0055 U	0.0056 U
Benzene	0.06	4.8	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Bromochloromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Bromodichloromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Bromoform	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Bromomethane	NS	NS	0.002 U	0.0018 U	0.0021 U	0.0018 U	0.0019 U
Carbon Disulfide	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Carbon Tetrachloride	0.76	2.4	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Chlorobenzene	1.1	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Chloroethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Chloroform	0.37	49	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Chloromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Cis-1,2-Dichloroethylene	0.25	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Cis-1,3-Dichloropropene	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Cyclohexane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Dibromochloromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Dichlorodifluoromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Ethylbenzene	1	41	0.001 U	0.0015	0.0011 U	0.00092 U	0.00094 U
Isopropylbenzene (Cumene)	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
M,P-Xylenes	NS	NS	0.001 U	0.0091	0.0011 U	0.00092 U	0.00094 U
Methyl Acetate	NS	NS	0.005 U	0.0046 U	0.0054 U	0.0046 U	0.0047 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.005 U	0.0046 U	0.0054 U	0.0046 U	0.0047 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.005 U	0.0046 U	0.0054 U	0.0046 U	0.0047 U
Methylcyclohexane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Methylene Chloride	0.05	100	0.002 U	0.0018 U	0.0021 U	0.0018 U	0.0019 U
N-Butylbenzene	12	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
N-Propylbenzene	3.9	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.001 U	0.0043	0.0011 U	0.00092 U	0.00094 U
Sec-Butylbenzene	11	100	0.001 UT	0.00092 UT	0.0011 UT	0.00092 UT	0.00094 UT
Styrene	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
T-Butylbenzene	5.9	100	0.001 UT	0.00092 UT	0.0011 UT	0.00092 UT	0.00094 UT
Tert-Butyl Methyl Ether	0.93	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Tetrachloroethylene (PCE)	1.3	19	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Toluene	0.7	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Trans-1,2-Dichloroethene	0.19	100	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Trans-1,3-Dichloropropene	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Trichloroethylene (TCE)	0.47	21	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Trichlorofluoromethane	NS	NS	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Vinyl Chloride	0.02	0.9	0.001 U	0.00092 U	0.0011 U	0.00092 U	0.00094 U
Xylenes, Total	0.26	100	0.002 U	0.013	0.0021 U	0.0018 U	0.0019 U

Table 1
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY

Subsurface Investigation

Soil Analytical Results of Volatile Organic Compounds (VOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-12_0-2_20241218 460-317606-7 12/18/2024 mg/kg 1	SB-12_2-4_20241218 460-317606-8 12/18/2024 mg/kg 1	SB-12_8-10_20241218 460-317606-9 12/18/2024 mg/kg 1	TB-01_20241218 460-317606-2 12/18/2024 µg/L 1	TB-02_20241218 460-317606-24 12/18/2024 µg/L 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,1-Dichloroethane	0.27	26	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2,4-Trimethylbenzene	3.6	52	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 UT	1 UT
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,2-Dichloropropane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,3-Dichlorobenzene	2.4	49	0.001 U	0.0012 U	0.0012 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	0.001 U	0.0012 U	0.0012 U	1 U	1 U
2-Hexanone	NS	NS	0.0052 U	0.006 U	0.0058 U	5 U	5 U
Acetone	0.05	100	0.0063 U	0.0078	0.007 U	5 U	5 U
Benzene	0.06	4.8	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Bromochloromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Bromodichloromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Bromoform	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Bromomethane	NS	NS	0.0021 U	0.0024 U	0.0023 U	1 U	1 U
Carbon Disulfide	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Chlorobenzene	1.1	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Chloroethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Chloroform	0.37	49	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Chloromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Cyclohexane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Dibromochloromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Ethylbenzene	1	41	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
M,P-Xylenes	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Methyl Acetate	NS	NS	0.0052 U	0.006 U	0.0058 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0052 U	0.006 U	0.0058 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0052 U	0.006 U	0.0058 U	5 U	5 U
Methylcyclohexane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Methylene Chloride	0.05	100	0.0021 U	0.0024 U	0.0023 U	1 U	1 U
N-Butylbenzene	12	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
N-Propylbenzene	3.9	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Sec-Butylbenzene	11	100	0.001 UT	0.0012 UT	0.0012 UT	1 U	1 U
Styrene	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
T-Butylbenzene	5.9	100	0.001 UT	0.0012 UT	0.0012 UT	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Toluene	0.7	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Trichlorofluoromethane	NS	NS	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.001 U	0.0012 U	0.0012 U	1 U	1 U
Xylenes, Total	0.26	100	0.0021 U	0.0024 U	0.0023 U	2 U	2 U

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-01_0-2_20241217 460-317499-1 12/17/2024 mg/kg 1	SB-01_2-4_20241217 460-317499-2 12/17/2024 mg/kg 1	SB-01_8-10_20241217 460-317499-3 12/17/2024 mg/kg 1	SB-02_0-2_20241217 460-317499-4 12/17/2024 mg/kg 1	SB-02_2-4_20241217 460-317499-5 12/17/2024 mg/kg 1	SB-02_8-10_20241217 460-317499-6 12/17/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	NR	NR	NR	NR	NR
1,4-Dioxane (P-Dioxane)	0.1	13	NR	NR	NR	NR	NR	NR
2,3,4,6-Tetrachlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4,5-Trichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dimethylphenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dinitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	NS	NS	NR	NR	NR	NR	NR	NR
2,6-Dinitrotoluene	NS	NS	NR	NR	NR	NR	NR	NR
2-Chloronaphthalene	NS	NS	NR	NR	NR	NR	NR	NR
2-Chlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2-Methylnaphthalene	NS	NS	NR	NR	NR	NR	NR	NR
2-Methylphenol (O-Cresol)	0.33	100	NR	NR	NR	NR	NR	NR
2-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
2-Nitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
3- And 4- Methylphenol (Total)	NS	NS	NR	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	NS	NS	NR	NR	NR	NR	NR	NR
3-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4,6-Dinitro-2-Methylphenol	NS	NS	NR	NR	NR	NR	NR	NR
4-Bromophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	NR	NR
4-Chloro-3-Methylphenol	NS	NS	NR	NR	NR	NR	NR	NR
4-Chloroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4-Chlorophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	NR	NR
4-Methylphenol (P-Cresol)	0.33	100	NR	NR	NR	NR	NR	NR
4-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4-Nitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
Acenaphthene	20	100	0.33 U	0.34 U	0.023 J	0.01 J	0.22 J	2.8
Acenaphthylene	100	100	0.33 U	0.34 U	0.38 U	0.34 U	0.011 J	0.46
Acetophenone	NS	NS	NR	NR	NR	NR	NR	NR
Anthracene	100	100	0.33 U	0.34 U	0.057 J	0.012 J	0.32 J	5.4
Atrazine	NS	NS	NR	NR	NR	NR	NR	NR
Benzaldehyde	NS	NS	NR	NR	NR	NR	NR	NR
Benzo(a)Anthracene	1	1	0.042	0.052	0.1	0.035	0.83	NR
Benzo(a)Pyrene	1	1	0.035	0.044	0.086	0.03 J	0.77	NR
Benzo(b)Fluoranthene	1	1	0.04	0.046	0.1	0.035	0.91	NR
Benzo(g,h,i)Perylene	100	100	0.02 J	0.024 J	0.048 J	0.021 J	0.44	6.2
Benzo(k)Fluoranthene	0.8	3.9	0.017 J	0.019 J	0.043	0.015 J	0.36	5.2
Benzyl Butyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Biphenyl (Diphenyl)	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroethoxy) Methane	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Caprolactam	NS	NS	NR	NR	NR	NR	NR	NR
Carbazole	NS	NS	NR	NR	NR	NR	NR	NR
Chrysene	1	3.9	0.034 J	0.046 J	0.094 J	0.032 J	0.79	NR
Dibenz(a,h)Anthracene	0.33	0.33	0.033 U	0.034 U	0.038 U	0.034 U	0.12	1.6
Dibenzofuran	7	59	NR	NR	NR	NR	NR	NR
Diethyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Dimethyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Di-N-Butyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Di-N-Octylphthalate	NS	NS	NR	NR	NR	NR	NR	NR
Fluoranthene	100	100	0.048 J	0.065 J	0.23 J	0.054 J	1.6	NR
Fluorene	30	100	0.33 U	0.34 U	0.027 J	0.34 U	0.14 J	3.4
Hexachlorobenzene	0.33	1.2	NR	NR	NR	NR	NR	NR
Hexachlorobutadiene	NS	NS	NR	NR	NR	NR	NR	NR
Hexachlorocyclopentadiene	NS	NS	NR	NR	NR	NR	NR	NR
Hexachloroethane	NS	NS	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.018 J	0.025 J	0.046	0.017 J	0.45	6.5
Isophorone	NS	NS	NR	NR	NR	NR	NR	NR
Naphthalene	12	100	0.33 U	0.0074 J	0.011 J	0.34 U	0.058 J	1.7
Nitrobenzene	NS	NS	NR	NR	NR	NR	NR	NR
N-Nitrosodi-N-Propylamine	NS	NS	NR	NR	NR	NR	NR	NR
N-Nitrosodiphenylamine	NS	NS	NR	NR	NR	NR	NR	NR
Pentachlorophenol	0.8	6.7	NR	NR	NR	NR	NR	NR
Phenanthrene	100	100	0.015 J	0.033 J	0.19 J	0.058 J	1.3	NR
Phenol	0.33	100	NR	NR	NR	NR	NR	NR
Pyrene	100	100	0.058 J	0.083 J	0.21 J	0.069 J	1.6	NR

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-02_8-10_20241217 460-317499-6 12/17/2024 mg/kg 10	SB-03_0-2_20241218 460-317606-20 12/18/2024 mg/kg 1	SB-03_2-4_20241218 460-317606-21 12/18/2024 mg/kg 1	SB-03_8-10_20241218 460-317606-22 12/18/2024 mg/kg 1	SB-04_0-2_20241217 460-317499-7 12/17/2024 mg/kg 1	SB-04_2-4_20241217 460-317499-8 12/17/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	NR	NR	NR	NR	NR
1,4-Dioxane (P-Dioxane)	0.1	13	NR	NR	NR	NR	NR	NR
2,3,4,6-Tetrachlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4,5-Trichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dichlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dimethylphenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dinitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	NS	NS	NR	NR	NR	NR	NR	NR
2,6-Dinitrotoluene	NS	NS	NR	NR	NR	NR	NR	NR
2-Chloronaphthalene	NS	NS	NR	NR	NR	NR	NR	NR
2-Chlorophenol	NS	NS	NR	NR	NR	NR	NR	NR
2-Methylnaphthalene	NS	NS	NR	NR	NR	NR	NR	NR
2-Methylphenol (O-Cresol)	0.33	100	NR	NR	NR	NR	NR	NR
2-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
2-Nitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
3- And 4- Methylphenol (Total)	NS	NS	NR	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	NS	NS	NR	NR	NR	NR	NR	NR
3-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4,6-Dinitro-2-Methylphenol	NS	NS	NR	NR	NR	NR	NR	NR
4-Bromophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	NR	NR
4-Chloro-3-Methylphenol	NS	NS	NR	NR	NR	NR	NR	NR
4-Chloroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4-Chlorophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	NR	NR
4-Methylphenol (P-Cresol)	0.33	100	NR	NR	NR	NR	NR	NR
4-Nitroaniline	NS	NS	NR	NR	NR	NR	NR	NR
4-Nitrophenol	NS	NS	NR	NR	NR	NR	NR	NR
Acenaphthene	20	100	NR	0.36 U	0.38 U	0.36 U	0.34 J	0.14 J
Acenaphthylene	100	100	NR	0.36 U	0.019 J	0.36 U	0.093 J	0.016 J
Acetophenone	NS	NS	NR	NR	NR	NR	NR	NR
Anthracene	100	100	NR	0.36 U	0.025 J	0.018 J	0.85	0.27 J
Atrazine	NS	NS	NR	NR	NR	NR	NR	NR
Benzaldehyde	NS	NS	NR	NR	NR	NR	NR	NR
Benzo(a)Anthracene	1	1	13	0.033 J	0.13	0.077	2.1	0.49
Benzo(a)Pyrene	1	1	12	0.025 J	0.15	0.088	2	0.43
Benzo(b)Fluoranthene	1	1	17	0.027 J	0.2	0.11	2.5	0.55
Benzo(g,h,i)Perylene	100	100	NR	0.016 J	0.075 J	0.075 J	1.1	0.27 J
Benzo(k)Fluoranthene	0.8	3.9	NR	0.012 J	0.074	0.037	0.96	0.21
Benzyl Butyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Biphenyl (Diphenyl)	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroethoxy) Methane	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	NR	NR	NR	NR	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Caprolactam	NS	NS	NR	NR	NR	NR	NR	NR
Carbazole	NS	NS	NR	NR	NR	NR	NR	NR
Chrysene	1	3.9	14	0.022 J	0.14 J	0.071 J	2	0.48
Dibenz(a,h)Anthracene	0.33	0.33	NR	0.036 U	0.021 J	0.015 J	0.32	0.071
Dibenzofuran	7	59	NR	NR	NR	NR	NR	NR
Diethyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Dimethyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Di-N-Butyl Phthalate	NS	NS	NR	NR	NR	NR	NR	NR
Di-N-Octylphthalate	NS	NS	NR	NR	NR	NR	NR	NR
Fluoranthene	100	100	29	0.047 J	0.26 J	0.13 J	4	1.1
Fluorene	30	100	NR	0.36 U	0.38 U	0.36 U	0.3 J	0.13 J
Hexachlorobenzene	0.33	1.2	NR	NR	NR	NR	NR	NR
Hexachlorobutadiene	NS	NS	NR	NR	NR	NR	NR	NR
Hexachlorocyclopentadiene	NS	NS	NR	NR	NR	NR	NR	NR
Hexachloroethane	NS	NS	NR	NR	NR	NR	NR	NR
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	NR	0.014 J	0.076	0.061	1.1	0.27
Isophorone	NS	NS	NR	NR	NR	NR	NR	NR
Naphthalene	12	100	NR	0.36 U	0.011 J	0.0075 J	0.091 J	0.07 J
Nitrobenzene	NS	NS	NR	NR	NR	NR	NR	NR
N-Nitrosodi-N-Propylamine	NS	NS	NR	NR	NR	NR	NR	NR
N-Nitrosodiphenylamine	NS	NS	NR	NR	NR	NR	NR	NR
Pentachlorophenol	0.8	6.7	NR	NR	NR	NR	NR	NR
Phenanthrene	100	100	22	0.028 J	0.12 J	0.088 J	3.1	1.2
Phenol	0.33	100	NR	NR	NR	NR	NR	NR
Pyrene	100	100	23	0.047 J	0.23 J	0.13 J	3.7	1.1

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-04_8-10_20241217 460-317499-9 12/17/2024 mg/kg 1	SB-05_0-2_20241217 460-317499-10 12/17/2024 mg/kg 1	SB-05_2-4_20241217 460-317499-11 12/17/2024 mg/kg 1	SB-05_8-10_20241217 460-317499-12 12/17/2024 mg/kg 1	SB-06_0-2_20241217 460-317499-13 12/17/2024 mg/kg 1	SB-06_2-4_20241217 460-317499-14 12/17/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
1,4-Dioxane (P-Dioxane)	0.1	13	NR	NR	NR	NR	0.033 U	0.033 U
2,3,4,6-Tetrachlorophenol	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
2,4,5-Trichlorophenol	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
2,4,6-Trichlorophenol	NS	NS	NR	NR	NR	NR	0.13 U	0.13 U
2,4-Dichlorophenol	NS	NS	NR	NR	NR	NR	0.13 U	0.13 U
2,4-Dimethylphenol	NS	NS	NR	NR	NR	NR	0.85	0.04 J
2,4-Dinitrophenol	NS	NS	NR	NR	NR	NR	0.27 U	0.27 U
2,4-Dinitrotoluene	NS	NS	NR	NR	NR	NR	0.068 U	0.068 U
2,6-Dinitrotoluene	NS	NS	NR	NR	NR	NR	0.068 U	0.068 U
2-Chloronaphthalene	NS	NS	NR	NR	NR	NR	0.15 J	0.33 U
2-Chlorophenol	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
2-Methylnaphthalene	NS	NS	NR	NR	NR	NR	0.72	0.16 J
2-Methylphenol (O-Cresol)	0.33	100	NR	NR	NR	NR	0.32 J	0.33 U
2-Nitroaniline	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
2-Nitrophenol	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
3- And 4- Methylphenol (Total)	NS	NS	NR	NR	NR	NR	1.2	0.03 J
3,3'-Dichlorobenzidine	NS	NS	NR	NR	NR	NR	0.13 U	0.13 U
3-Nitroaniline	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4,6-Dinitro-2-Methylphenol	NS	NS	NR	NR	NR	NR	0.27 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4-Chloro-3-Methylphenol	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4-Chloroaniline	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4-Chlorophenyl Phenyl Ether	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4-Methylphenol (P-Cresol)	0.33	100	NR	NR	NR	NR	1.2	0.03 J
4-Nitroaniline	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
4-Nitrophenol	NS	NS	NR	NR	NR	NR	0.68 U	0.68 U
Acenaphthene	20	100	0.071 J	0.51	0.14 J	0.11 J	0.36	0.25 J
Acenaphthylene	100	100	0.047 J	0.59	0.19 J	0.21 J	0.52	0.16 J
Acetophenone	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Anthracene	100	100	0.17 J	1.7	0.78	0.25 J	1.2	0.62
Atrazine	NS	NS	NR	NR	NR	NR	0.13 U	0.13 U
Benzaldehyde	NS	NS	NR	NR	NR	NR	0.08 J	0.33 U
Benzo(a)Anthracene	1	1	0.52	4	2.2	0.51	2.9	2.3
Benzo(a)Pyrene	1	1	0.51	4	1.9	0.46	2.8	2.4
Benzo(b)Fluoranthene	1	1	0.63	5.1	2.5	0.63	3.7	3
Benzo(g,h,i)Perylene	100	100	0.33 J	2.4	1.1	0.31 J	1.5	1.3
Benzo(k)Fluoranthene	0.8	3.9	0.24	1.8	1	0.22	1.3	1.2
Benzyl Butyl Phthalate	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Biphenyl (Diphenyl)	NS	NS	NR	NR	NR	NR	0.19 J	0.038 J
Bis(2-Chloroethoxy) Methane	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	NR	NR	NR	0.033 U	0.033 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	NR	NR	NR	0.33 U	0.13 J
Caprolactam	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Carbazole	NS	NS	NR	NR	NR	NR	0.45	0.25 J
Chrysene	1	3.9	0.52	4.1	2.2	0.54	2.7	2.3
Dibenz(a,h)Anthracene	0.33	0.33	0.091	0.65	0.34	0.088	0.46	0.4
Dibenzofuran	7	59	NR	NR	NR	NR	0.24 J	0.16 J
Diethyl Phthalate	NS	NS	NR	NR	NR	NR	0.056 J	0.013 J
Dimethyl Phthalate	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Di-N-Butyl Phthalate	NS	NS	NR	NR	NR	NR	0.33 U	0.095 J
Di-N-Octylphthalate	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Fluoranthene	100	100	1.1	7.8	4.4	1.2	6.1	3.9
Fluorene	30	100	0.073 J	0.59	0.2 J	0.13 J	0.4	0.23 J
Hexachlorobenzene	0.33	1.2	NR	NR	NR	NR	0.033 U	0.033 U
Hexachlorobutadiene	NS	NS	NR	NR	NR	NR	0.068 U	0.068 U
Hexachlorocyclopentadiene	NS	NS	NR	NR	NR	NR	0.33 U	0.33 U
Hexachloroethane	NS	NS	NR	NR	NR	NR	0.033 U	0.033 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.33	2.4	1.2	0.31	1.6	1.4
Isophorone	NS	NS	NR	NR	NR	NR	0.13 U	0.13 U
Naphthalene	12	100	0.1 J	0.22 J	0.062 J	0.73	1.7	0.21 J
Nitrobenzene	NS	NS	NR	NR	NR	NR	0.033 U	0.033 U
N-Nitrosodi-N-Propylamine	NS	NS	NR	NR	NR	NR	0.033 U	0.033 U
N-Nitrosodiphenylamine	NS	NS	NR	NR	NR	NR	0.61	0.11 J
Pentachlorophenol	0.8	6.7	NR	NR	NR	NR	0.27 U	0.27 U
Phenanthrene	100	100	0.73	7.1	2.8	1.2	4.3	2.3
Phenol	0.33	100	NR	NR	NR	NR	0.42	0.33 U
Pyrene	100	100	1	7.4	3.8	1.1	5.2	4

Table 2
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1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-06_8-10_20241217 460-317499-15 12/17/2024 mg/kg 1	SB-07_0-2_20241217 460-317499-16 12/17/2024 mg/kg 1	SB-07_2-4_20241217 460-317499-17 12/17/2024 mg/kg 1	SB-07_8-10_20241217 460-317499-18 12/17/2024 mg/kg 1	SB-08_0-2_20241218 460-317606-17 12/18/2024 mg/kg 1	SB-08_2-4_20241218 460-317606-18 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.35 U	NR	NR	NR	NR	NR
1,4-Dioxane (P-Dioxane)	0.1	13	0.035 U	NR	NR	NR	NR	NR
2,3,4,6-Tetrachlorophenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
2,4,5-Trichlorophenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
2,4,6-Trichlorophenol	NS	NS	0.14 U	NR	NR	NR	NR	NR
2,4-Dichlorophenol	NS	NS	0.14 U	NR	NR	NR	NR	NR
2,4-Dimethylphenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
2,4-Dinitrophenol	NS	NS	0.28 U	NR	NR	NR	NR	NR
2,4-Dinitrotoluene	NS	NS	0.071 U	NR	NR	NR	NR	NR
2,6-Dinitrotoluene	NS	NS	0.071 U	NR	NR	NR	NR	NR
2-Chloronaphthalene	NS	NS	0.35 U	NR	NR	NR	NR	NR
2-Chlorophenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
2-Methylnaphthalene	NS	NS	0.1 J	NR	NR	NR	NR	NR
2-Methylphenol (O-Cresol)	0.33	100	0.35 U	NR	NR	NR	NR	NR
2-Nitroaniline	NS	NS	0.35 U	NR	NR	NR	NR	NR
2-Nitrophenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
3- And 4- Methylphenol (Total)	NS	NS	0.35 U	NR	NR	NR	NR	NR
3,3'-Dichlorobenzidine	NS	NS	0.14 U	NR	NR	NR	NR	NR
3-Nitroaniline	NS	NS	0.35 U	NR	NR	NR	NR	NR
4,6-Dinitro-2-Methylphenol	NS	NS	0.28 U	NR	NR	NR	NR	NR
4-Bromophenyl Phenyl Ether	NS	NS	0.35 U	NR	NR	NR	NR	NR
4-Chloro-3-Methylphenol	NS	NS	0.35 U	NR	NR	NR	NR	NR
4-Chloroaniline	NS	NS	0.35 U	NR	NR	NR	NR	NR
4-Chlorophenyl Phenyl Ether	NS	NS	0.35 U	NR	NR	NR	NR	NR
4-Methylphenol (P-Cresol)	0.33	100	0.35 U	NR	NR	NR	NR	NR
4-Nitroaniline	NS	NS	0.35 U	NR	NR	NR	NR	NR
4-Nitrophenol	NS	NS	0.71 U	NR	NR	NR	NR	NR
Acenaphthene	20	100	0.24 J	0.42 U	0.022 J	0.028 J	0.38 U	0.35 U
Acenaphthylene	100	100	0.082 J	0.42 U	0.059 J	0.011 J	0.38 U	0.35 U
Acetophenone	NS	NS	0.35 U	NR	NR	NR	NR	NR
Anthracene	100	100	0.57	0.42 U	0.093 J	0.048 J	0.017 J	0.35 U
Atrazine	NS	NS	0.14 U	NR	NR	NR	NR	NR
Benzaldehyde	NS	NS	0.35 U	NR	NR	NR	NR	NR
Benzo(a)Anthracene	1	1	1.5	0.042 U	0.36	0.19	0.072	0.035 U
Benzo(a)Pyrene	1	1	1.5	0.042 U	0.35	0.2	0.064	0.035 U
Benzo(b)Fluoranthene	1	1	1.8	0.042 U	0.42	0.24	0.078	0.035 U
Benzo(g,h,i)Perylene	100	100	0.89	0.42 U	0.24 J	0.14 J	0.028 J	0.35 U
Benzo(k)Fluoranthene	0.8	3.9	0.74	0.042 U	0.15	0.089	0.029 J	0.035 U
Benzyl Butyl Phthalate	NS	NS	0.35 U	NR	NR	NR	NR	NR
Biphenyl (Diphenyl)	NS	NS	0.032 J	NR	NR	NR	NR	NR
Bis(2-Chloroethoxy) Methane	NS	NS	0.35 U	NR	NR	NR	NR	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.035 U	NR	NR	NR	NR	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	0.35 U	NR	NR	NR	NR	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.072 J	NR	NR	NR	NR	NR
Caprolactam	NS	NS	0.35 U	NR	NR	NR	NR	NR
Carbazole	NS	NS	0.24 J	NR	NR	NR	NR	NR
Chrysene	1	3.9	1.5	0.42 U	0.37 J	0.19 J	0.069 J	0.35 U
Dibenz(a,h)Anthracene	0.33	0.33	0.27	0.042 U	0.057	0.031 J	0.038 U	0.035 U
Dibenzofuran	7	59	0.17 J	NR	NR	NR	NR	NR
Diethyl Phthalate	NS	NS	0.35 U	NR	NR	NR	NR	NR
Dimethyl Phthalate	NS	NS	0.35 U	NR	NR	NR	NR	NR
Di-N-Butyl Phthalate	NS	NS	0.19 J	NR	NR	NR	NR	NR
Di-N-Octylphthalate	NS	NS	0.35 U	NR	NR	NR	NR	NR
Fluoranthene	100	100	2.8	0.42 U	0.69	0.39	0.12 J	0.35 U
Fluorene	30	100	0.28 J	0.42 U	0.028 J	0.019 J	0.38 U	0.35 U
Hexachlorobenzene	0.33	1.2	0.035 U	NR	NR	NR	NR	NR
Hexachlorobutadiene	NS	NS	0.071 U	NR	NR	NR	NR	NR
Hexachlorocyclopentadiene	NS	NS	0.35 U	NR	NR	NR	NR	NR
Hexachloroethane	NS	NS	0.035 U	NR	NR	NR	NR	NR
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.94	0.042 U	0.23	0.13	0.028 J	0.035 U
Isophorone	NS	NS	0.14 U	NR	NR	NR	NR	NR
Naphthalene	12	100	0.21 J	0.056 J	0.083 J	0.0076 J	0.0092 J	0.018 J
Nitrobenzene	NS	NS	0.035 U	NR	NR	NR	NR	NR
N-Nitrosodi-N-Propylamine	NS	NS	0.035 U	NR	NR	NR	NR	NR
N-Nitrosodiphenylamine	NS	NS	0.35 U	NR	NR	NR	NR	NR
Pentachlorophenol	0.8	6.7	0.28 U	NR	NR	NR	NR	NR
Phenanthrene	100	100	2.2	0.02 J	0.5	0.25 J	0.079 J	0.35 U
Phenol	0.33	100	0.35 U	NR	NR	NR	NR	NR
Pyrene	100	100	2.9	0.012 J	0.72	0.37	0.1 J	0.35 U

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-08_8-10_20241218 460-317606-19 12/18/2024 mg/kg 1	SB-09_0-2_20241218 460-317606-4 12/18/2024 mg/kg 1	SB-09_2-4_20241218 460-317606-5 12/18/2024 mg/kg 1	SB-X1_2-4_20241218 460-317606-3 12/18/2024 mg/kg 1	SB-09_8-10_20241218 460-317606-6 12/18/2024 mg/kg 1	SB-10_0-2_20241218 460-317606-13 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.017 J	NR
1,4-Dioxane (P-Dioxane)	0.1	13	NR	0.039 U	0.039 U	0.039 U	0.046 U	NR
2,3,4,6-Tetrachlorophenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2,4,5-Trichlorophenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2,4,6-Trichlorophenol	NS	NS	NR	0.16 U	0.16 U	0.16 U	0.19 U	NR
2,4-Dichlorophenol	NS	NS	NR	0.16 U	0.16 U	0.16 U	0.19 U	NR
2,4-Dimethylphenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2,4-Dinitrophenol	NS	NS	NR	0.31 U	0.31 U	0.31 U	0.37 U	NR
2,4-Dinitrotoluene	NS	NS	NR	0.078 U	0.079 U	0.079 U	0.094 U	NR
2,6-Dinitrotoluene	NS	NS	NR	0.078 U	0.079 U	0.079 U	0.094 U	NR
2-Chloronaphthalene	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2-Chlorophenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2-Methylnaphthalene	NS	NS	NR	0.39 U	0.39 U	0.012 J	0.017 J	NR
2-Methylphenol (O-Cresol)	0.33	100	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2-Nitroaniline	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
2-Nitrophenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
3- And 4- Methylphenol (Total)	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
3,3'-Dichlorobenzidine	NS	NS	NR	0.16 U	0.16 U	0.16 U	0.19 U	NR
3-Nitroaniline	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
4,6-Dinitro-2-Methylphenol	NS	NS	NR	0.31 U	0.31 U	0.31 U	0.37 U	NR
4-Bromophenyl Phenyl Ether	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.02 J	NR
4-Chloro-3-Methylphenol	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
4-Chloroaniline	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
4-Chlorophenyl Phenyl Ether	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.017 J	NR
4-Methylphenol (P-Cresol)	0.33	100	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
4-Nitroaniline	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
4-Nitrophenol	NS	NS	NR	0.78 U	0.79 U	0.79 U	0.94 U	NR
Acenaphthene	20	100	0.38 U	0.39 U	0.39 U	0.033 J	0.02 J	0.4 U
Acenaphthylene	100	100	0.38 U	0.39 U	0.39 U	0.017 J	0.021 J	0.4 U
Acetophenone	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Anthracene	100	100	0.38 U	0.39 U	0.39 U	0.079 J	0.023 J	0.02 J
Atrazine	NS	NS	NR	0.16 U	0.16 U	0.16 U	0.19 U	NR
Benzaldehyde	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Benzo(a)Anthracene	1	1	0.038 U	0.039 U	0.039 U	0.29	0.049	0.063
Benzo(a)Pyrene	1	1	0.038 U	0.01 J	0.012 J	0.3	0.041 J	0.059
Benzo(b)Fluoranthene	1	1	0.038 U	0.013 J	0.016 J	0.35	0.046	0.065
Benzo(g,h,i)Perylene	100	100	0.38 U	0.39 U	0.024 J	0.23 J	0.034 J	0.027 J
Benzo(k)Fluoranthene	0.8	3.9	0.038 U	0.039 U	0.014 J	0.14	0.033 J	0.024 J
Benzyl Butyl Phthalate	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.022 J	NR
Biphenyl (Diphenyl)	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.018 J	NR
Bis(2-Chloroethoxy) Methane	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	0.039 U	0.039 U	0.039 U	0.018 J	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Caprolactam	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Carbazole	NS	NS	NR	0.39 U	0.39 U	0.031 J	0.022 J	NR
Chrysene	1	3.9	0.38 U	0.39 U	0.39 U	0.28 J	0.041 J	0.056 J
Dibenz(a,h)Anthracene	0.33	0.33	0.038 U	0.039 U	0.039 U	0.056	0.023 J	0.04 U
Dibenzofuran	7	59	NR	0.39 U	0.39 U	0.015 J	0.019 J	NR
Diethyl Phthalate	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.02 J	NR
Dimethyl Phthalate	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Di-N-Butyl Phthalate	NS	NS	NR	0.39 U	0.39 U	0.024 J	0.031 J	NR
Di-N-Octylphthalate	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Fluoranthene	100	100	0.38 U	0.018 J	0.014 J	0.51	0.052 J	0.1 J
Fluorene	30	100	0.38 U	0.39 U	0.39 U	0.029 J	0.021 J	0.4 U
Hexachlorobenzene	0.33	1.2	NR	0.039 U	0.039 U	0.039 U	0.046 U	NR
Hexachlorobutadiene	NS	NS	NR	0.078 U	0.079 U	0.079 U	0.018 J	NR
Hexachlorocyclopentadiene	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Hexachloroethane	NS	NS	NR	0.039 U	0.039 U	0.039 U	0.046 U	NR
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.038 U	0.039 U	0.016 J	0.21	0.033 J	0.024 J
Isophorone	NS	NS	NR	0.16 U	0.16 U	0.16 U	0.19 U	NR
Naphthalene	12	100	0.38 U	0.011 J	0.39 U	0.021 J	0.022 J	0.011 J
Nitrobenzene	NS	NS	NR	0.039 U	0.039 U	0.039 U	0.046 U	NR
N-Nitrosodi-N-Propylamine	NS	NS	NR	0.039 U	0.039 U	0.039 U	0.046 U	NR
N-Nitrosodiphenylamine	NS	NS	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Pentachlorophenol	0.8	6.7	NR	0.31 U	0.31 U	0.31 U	0.37 U	NR
Phenanthrene	100	100	0.38 U	0.39 U	0.39 U	0.33 J	0.042 J	0.064 J
Phenol	0.33	100	NR	0.39 U	0.39 U	0.39 U	0.46 U	NR
Pyrene	100	100	0.38 U	0.016 J	0.015 J	0.56	0.057 J	0.086 J

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-10_2-4_20241218 460-317606-14 12/18/2024 mg/kg 1	SB-10_8-10_20241218 460-317606-15 12/18/2024 mg/kg 1	SB-11_0-2_20241218 460-317606-10 12/18/2024 mg/kg 1	SB-11_2-4_20241218 460-317606-11 12/18/2024 mg/kg 1	SB-X2_2-4_20241218 460-317606-16 12/18/2024 mg/kg 1	SB-11_8-10_20241218 460-317606-12 12/18/2024 mg/kg 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	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
1,4-Dioxane (P-Dioxane)	0.1	13	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
2,3,4,6-Tetrachlorophenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2,4,5-Trichlorophenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2,4,6-Trichlorophenol	NS	NS	NR	NR	0.16 U	0.15 U	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS	NR	NR	0.16 U	0.15 U	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
2,4-Dinitrophenol	NS	NS	NR	NR	0.31 U	0.3 U	0.3 U	0.27 U
2,4-Dinitrotoluene	NS	NS	NR	NR	0.079 U	0.075 U	0.074 U	0.069 U
2,6-Dinitrotoluene	NS	NS	NR	NR	0.079 U	0.075 U	0.074 U	0.069 U
2-Chloronaphthalene	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2-Chlorophenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2-Methylnaphthalene	NS	NS	NR	NR	0.022 J	0.37 U	0.37 U	0.34 U
2-Methylphenol (O-Cresol)	0.33	100	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2-Nitroaniline	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
2-Nitrophenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
3- And 4- Methylphenol (Total)	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
3,3'-Dichlorobenzidine	NS	NS	NR	NR	0.16 U	0.15 U	0.15 UT	0.14 UT
3-Nitroaniline	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
4,6-Dinitro-2-Methylphenol	NS	NS	NR	NR	0.31 U	0.3 U	0.3 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
4-Chloro-3-Methylphenol	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
4-Chloroaniline	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
4-Chlorophenyl Phenyl Ether	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
4-Methylphenol (P-Cresol)	0.33	100	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
4-Nitroaniline	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
4-Nitrophenol	NS	NS	NR	NR	0.79 U	0.75 U	0.74 U	0.69 U
Acenaphthene	20	100	0.35 U	0.015 J	0.074 J	0.37 U	0.37 U	0.34 U
Acenaphthylene	100	100	0.35 U	0.011 J	0.1 J	0.37 U	0.37 U	0.0099 J
Acetophenone	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Anthracene	100	100	0.35 U	0.04 J	0.21 J	0.37 U	0.37 U	0.022 J
Atrazine	NS	NS	NR	NR	0.16 U	0.15 U	0.15 UT	0.14 UT
Benzaldehyde	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
Benzo(a)Anthracene	1	1	0.035 U	0.12	0.83	0.037 U	0.037 U	0.091
Benzo(a)Pyrene	1	1	0.014 J	0.12	0.83	0.017 J	0.037 U	0.093
Benzo(b)Fluoranthene	1	1	0.019 J	0.13	1.1	0.02 J	0.0095 J	0.11
Benzo(g,h,i)Perylene	100	100	0.35 U	0.054 J	0.44	0.012 J	0.37 U	0.065 J
Benzo(k)Fluoranthene	0.8	3.9	0.035 U	0.053	0.41	0.0088 J	0.037 U	0.046
Benzyl Butyl Phthalate	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Biphenyl (Diphenyl)	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Bis(2-Chloroethoxy) Methane	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	NR	0.049 J	0.37 U	0.37 U	0.34 U
Caprolactam	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
Carbazole	NS	NS	NR	NR	0.092 J	0.37 U	0.37 U	0.34 U
Chrysene	1	3.9	0.35 U	0.11 J	0.81	0.016 J	0.37 U	0.091 J
Dibenz(a,h)Anthracene	0.33	0.33	0.035 U	0.037 U	0.13	0.037 U	0.037 U	0.018 J
Dibenzofuran	7	59	NR	NR	0.028 J	0.37 U	0.37 U	0.34 U
Diethyl Phthalate	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Dimethyl Phthalate	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Di-N-Butyl Phthalate	NS	NS	NR	NR	0.056 J	0.37 U	0.37 U	0.013 J
Di-N-Octylphthalate	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Fluoranthene	100	100	0.023 J	0.22 J	1.6	0.032 J	0.37 U	0.16 J
Fluorene	30	100	0.35 U	0.013 J	0.064 J	0.37 U	0.37 U	0.34 U
Hexachlorobenzene	0.33	1.2	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
Hexachlorobutadiene	NS	NS	NR	NR	0.079 U	0.075 U	0.074 U	0.069 U
Hexachlorocyclopentadiene	NS	NS	NR	NR	0.39 U	0.37 U	0.37 UT	0.34 UT
Hexachloroethane	NS	NS	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.035 U	0.056	0.46	0.037 U	0.037 U	0.062
Isophorone	NS	NS	NR	NR	0.16 U	0.15 U	0.15 U	0.14 U
Naphthalene	12	100	0.35 U	0.01 J	0.04 J	0.37 U	0.37 U	0.34 U
Nitrobenzene	NS	NS	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
N-Nitrosodi-N-Propylamine	NS	NS	NR	NR	0.039 U	0.037 U	0.037 U	0.034 U
N-Nitrosodiphenylamine	NS	NS	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Pentachlorophenol	0.8	6.7	NR	NR	0.31 U	0.3 U	0.3 U	0.27 U
Phenanthrene	100	100	0.35 U	0.15 J	0.82	0.024 J	0.37 U	0.083 J
Phenol	0.33	100	NR	NR	0.39 U	0.37 U	0.37 U	0.34 U
Pyrene	100	100	0.023 J	0.2 J	1.4	0.032 J	0.012 J	0.15 J

Table 2
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-12_0-2_20241218 460-317606-7 12/18/2024 mg/kg 1	SB-12_2-4_20241218 460-317606-8 12/18/2024 mg/kg 1	SB-12_8-10_20241218 460-317606-9 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NR	NR	NR
1,4-Dioxane (P-Dioxane)	0.1	13	NR	NR	NR
2,3,4,6-Tetrachlorophenol	NS	NS	NR	NR	NR
2,4,5-Trichlorophenol	NS	NS	NR	NR	NR
2,4,6-Trichlorophenol	NS	NS	NR	NR	NR
2,4-Dichlorophenol	NS	NS	NR	NR	NR
2,4-Dimethylphenol	NS	NS	NR	NR	NR
2,4-Dinitrophenol	NS	NS	NR	NR	NR
2,4-Dinitrotoluene	NS	NS	NR	NR	NR
2,6-Dinitrotoluene	NS	NS	NR	NR	NR
2-Chloronaphthalene	NS	NS	NR	NR	NR
2-Chlorophenol	NS	NS	NR	NR	NR
2-Methylnaphthalene	NS	NS	NR	NR	NR
2-Methylphenol (O-Cresol)	0.33	100	NR	NR	NR
2-Nitroaniline	NS	NS	NR	NR	NR
2-Nitrophenol	NS	NS	NR	NR	NR
3- And 4- Methylphenol (Total)	NS	NS	NR	NR	NR
3,3'-Dichlorobenzidine	NS	NS	NR	NR	NR
3-Nitroaniline	NS	NS	NR	NR	NR
4,6-Dinitro-2-Methylphenol	NS	NS	NR	NR	NR
4-Bromophenyl Phenyl Ether	NS	NS	NR	NR	NR
4-Chloro-3-Methylphenol	NS	NS	NR	NR	NR
4-Chloroaniline	NS	NS	NR	NR	NR
4-Chlorophenyl Phenyl Ether	NS	NS	NR	NR	NR
4-Methylphenol (P-Cresol)	0.33	100	NR	NR	NR
4-Nitroaniline	NS	NS	NR	NR	NR
4-Nitrophenol	NS	NS	NR	NR	NR
Acenaphthene	20	100	0.22 J	0.39	0.38
Acenaphthylene	100	100	0.037 J	0.074 J	0.16 J
Acetophenone	NS	NS	NR	NR	NR
Anthracene	100	100	0.54	0.84	0.95
Atrazine	NS	NS	NR	NR	NR
Benzaldehyde	NS	NS	NR	NR	NR
Benzo(a)Anthracene	1	1	1.3	2.3	2.4
Benzo(a)Pyrene	1	1	1.2	2.3	2.3
Benzo(b)Fluoranthene	1	1	1.5	3	2.9
Benzo(g,h,i)Perylene	100	100	0.54	1	1
Benzo(k)Fluoranthene	0.8	3.9	0.61	1.1	1.1
Benzyl Butyl Phthalate	NS	NS	NR	NR	NR
Biphenyl (Diphenyl)	NS	NS	NR	NR	NR
Bis(2-Chloroethoxy) Methane	NS	NS	NR	NR	NR
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NR	NR	NR
Bis(2-Chloroisopropyl) Ether	NS	NS	NR	NR	NR
Bis(2-Ethylhexyl) Phthalate	NS	NS	NR	NR	NR
Caprolactam	NS	NS	NR	NR	NR
Carbazole	NS	NS	NR	NR	NR
Chrysene	1	3.9	1.2	2.4	2.4
Dibenz(a,h)Anthracene	0.33	0.33	0.17	0.28	0.28
Dibenzofuran	7	59	NR	NR	NR
Diethyl Phthalate	NS	NS	NR	NR	NR
Dimethyl Phthalate	NS	NS	NR	NR	NR
Di-N-Butyl Phthalate	NS	NS	NR	NR	NR
Di-N-Octylphthalate	NS	NS	NR	NR	NR
Fluoranthene	100	100	2.7	5.2	4.9
Fluorene	30	100	0.21 J	0.33 J	0.38
Hexachlorobenzene	0.33	1.2	NR	NR	NR
Hexachlorobutadiene	NS	NS	NR	NR	NR
Hexachlorocyclopentadiene	NS	NS	NR	NR	NR
Hexachloroethane	NS	NS	NR	NR	NR
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.6	1.1	1.1
Isophorone	NS	NS	NR	NR	NR
Naphthalene	12	100	0.13 J	0.2 J	0.19 J
Nitrobenzene	NS	NS	NR	NR	NR
N-Nitrosodi-N-Propylamine	NS	NS	NR	NR	NR
N-Nitrosodiphenylamine	NS	NS	NR	NR	NR
Pentachlorophenol	0.8	6.7	NR	NR	NR
Phenanthrene	100	100	1.9	4.1	4.2
Phenol	0.33	100	NR	NR	NR
Pyrene	100	100	2.2	4.6	4.6

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-01_0-2_20241217 460-317499-1 12/17/2024 mg/kg 1	SB-01_2-4_20241217 460-317499-2 12/17/2024 mg/kg 1	SB-01_8-10_20241217 460-317499-3 12/17/2024 mg/kg 1	SB-02_0-2_20241217 460-317499-4 12/17/2024 mg/kg 1	SB-02_2-4_20241217 460-317499-5 12/17/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	13,700	13,000	26,000	9,950	7,110
Antimony	NS	NS	0.92 U	0.96 U	1 U	0.87 U	0.14 J
Arsenic	13	16	0.54 J	0.43 J	0.64 J	3.4	3.3
Barium	350	400	190	180	369	126	102
Beryllium	7.2	72	0.38	0.35 J	0.6	0.28 J	0.24 J
Cadmium	2.5	4.3	0.92 U	0.96 U	1 U	0.19 J	0.36 J
Calcium	NS	NS	2,190	1,650	5,930	15,200	23,000
Chromium, Hexavalent	1	110	NR	NR	NR	NR	NR
Chromium, Total	NS	NS	24	24	22.1	22.1	20.6
Cobalt	NS	NS	12.8	12.4	19.2	7.3	6.4
Copper	50	270	39.6	51.3	32.9	31.3	32.6
Iron	NS	NS	23,700	22,800	36,400	15,000	17,800
Lead	63	400	16	8	8.5	128	189
Magnesium	NS	NS	6,100	5,890	11,300	4,190	3,810
Manganese	1,600	2,000	329	301	448	234	205
Mercury	0.18	0.81	0.021	0.02	0.21	0.24	0.17
Nickel	30	310	23	22.9	29.6	15.4	24.8
Potassium	NS	NS	8,590	8,210	14,900	2,280	2,690
Selenium	3.9	180	1.2 U	1.2 U	1.3 U	0.2 J	0.3 J
Silver	2	180	0.37 U	0.38 U	0.41 U	0.086 J	0.091 J
Sodium	NS	NS	150	130	460	302	172
Thallium	NS	NS	0.33 J	0.34 J	0.62	0.15 J	0.15 J
Vanadium	NS	NS	35.9	34.7	94.9	32	32.9
Zinc	109	10,000	58.6	57.6	85.3	108	97

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-02_8-10_20241217 460-317499-6 12/17/2024 mg/kg 1	SB-03_0-2_20241218 460-317606-20 12/18/2024 mg/kg 1	SB-03_2-4_20241218 460-317606-21 12/18/2024 mg/kg 1	SB-03_8-10_20241218 460-317606-22 12/18/2024 mg/kg 1	SB-04_0-2_20241217 460-317499-7 12/17/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	4,940	7,370	6,330	7,050	6,970
Antimony	NS	NS	0.86 J	0.15 J	0.48 J	0.3 J	0.75 J
Arsenic	13	16	14.7	3.4	4.4	3.6	5.9
Barium	350	400	464	265	322	350	307
Beryllium	7.2	72	0.36 J	0.38	0.3 J	0.37	0.34 J
Cadmium	2.5	4.3	0.68 J	0.66 J	0.96	0.5 J	1.4
Calcium	NS	NS	39,700	33,600	7,620	19,300	18,400
Chromium, Hexavalent	1	110	NR	NR	NR	NR	NR
Chromium, Total	NS	NS	15.4	16.9	19.9	18.3	19.9
Cobalt	NS	NS	5.9	4.8	4.2	5.1	5.5
Copper	50	270	46.1	20.1	39.5	35.3	59
Iron	NS	NS	31,200	11,900	11,400	13,000	12,300
Lead	63	400	475	304	292	197	423
Magnesium	NS	NS	3,410	6,750	2,840	3,470	2,690
Manganese	1,600	2,000	307	310	160	199	195
Mercury	0.18	0.81	0.63	0.22	0.29	0.32	0.36
Nickel	30	310	19.1	12.9	17	14.2	18.4
Potassium	NS	NS	1,100	1,440	1,120	1,310	1,000
Selenium	3.9	180	0.71 J	0.17 J	0.33 J	0.24 J	0.4 J
Silver	2	180	0.18 J	0.34 U	0.46	0.18 J	0.44
Sodium	NS	NS	449	150	108	108	116
Thallium	NS	NS	0.23 J	0.095 J	0.11 J	0.11 J	0.11 J
Vanadium	NS	NS	41.8	24.4	37.1	26.2	56
Zinc	109	10,000	619	164	244	270	261

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-04_2-4_20241217 460-317499-8 12/17/2024 mg/kg 1	SB-04_2-4_20241217 460-317499-8 12/17/2024 mg/kg 3	SB-04_8-10_20241217 460-317499-9 12/17/2024 mg/kg 1	SB-04_8-10_20241217 460-317499-9 12/17/2024 mg/kg 3	SB-05_0-2_20241217 460-317499-10 12/17/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	18,000	NR	13,400	NR	13,100
Antimony	NS	NS	0.26 J	NR	1.1 J	NR	0.73 J
Arsenic	13	16	30.5	NR	125	NR	5
Barium	350	400	419	NR	341	NR	467
Beryllium	7.2	72	1.5	NR	2.3	NR	0.28 J
Cadmium	2.5	4.3	5	NR	23.3	NR	2.1
Calcium	NS	NS	14,800	NR	9,540	NR	16,300
Chromium, Hexavalent	1	110	NR	NR	NR	NR	NR
Chromium, Total	NS	NS	49.5	NR	74	NR	59.9
Cobalt	NS	NS	9	NR	13.3	NR	9.9
Copper	50	270	35.7	NR	75.5	NR	1,010
Iron	NS	NS	14,900	NR	41,700	NR	27,400
Lead	63	400	1,250	NR	NR	4,880	396
Magnesium	NS	NS	3,380	NR	3,920	NR	9,290
Manganese	1,600	2,000	160	NR	238	NR	273
Mercury	0.18	0.81	NR	0.94	0.59	NR	0.72
Nickel	30	310	36.3	NR	57.8	NR	39.1
Potassium	NS	NS	2,990	NR	3,860	NR	5,480
Selenium	3.9	180	0.64 J	NR	1.3 J	NR	0.34 J
Silver	2	180	0.14 J	NR	0.24 J	NR	0.48
Sodium	NS	NS	647	NR	297	NR	238
Thallium	NS	NS	0.39	NR	1.3	NR	0.28 J
Vanadium	NS	NS	66.6	NR	99.7	NR	73.7
Zinc	109	10,000	211	NR	234	NR	433

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-05_2-4_20241217 460-317499-11 12/17/2024 mg/kg 1	SB-05_8-10_20241217 460-317499-12 12/17/2024 mg/kg 1	SB-05_8-10_20241217 460-317499-12 12/17/2024 mg/kg 50	SB-06_0-2_20241217 460-317499-13 12/17/2024 mg/kg 1	SB-06_0-2_20241217 460-317499-13 12/17/2024 mg/kg 3
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	13,500	9,640	NR	8,270	NR
Antimony	NS	NS	0.61 J	0.61 J	NR	1.6	NR
Arsenic	13	16	3.6	9.7	NR	20	NR
Barium	350	400	586	258	NR	572	NR
Beryllium	7.2	72	0.28 J	0.6	NR	0.59	NR
Cadmium	2.5	4.3	1.5	0.93 J	NR	4.1	NR
Calcium	NS	NS	8,990	15,700	NR	16,200	NR
Chromium, Hexavalent	1	110	NR	NR	NR	2 U	NR
Chromium, Total	NS	NS	65.3	53.2	NR	40.5	NR
Cobalt	NS	NS	10.4	8.6	NR	10	NR
Copper	50	270	69	NR	3,810	173	NR
Iron	NS	NS	24,300	34,800	NR	32,700	NR
Lead	63	400	305	NR	69,600	1,160	NR
Magnesium	NS	NS	8,340	7,300	NR	4,180	NR
Manganese	1,600	2,000	208	246	NR	272	NR
Mercury	0.18	0.81	0.23	0.25	NR	NR	1.5
Nickel	30	310	35.7	48.6	NR	42	NR
Potassium	NS	NS	6,610	2,060	NR	1,660	NR
Selenium	3.9	180	0.19 J	0.71 J	NR	0.75 J	NR
Silver	2	180	4.2	2.9	NR	1.4	NR
Sodium	NS	NS	208	459	NR	205	NR
Thallium	NS	NS	0.28 J	0.23 J	NR	0.35 J	NR
Vanadium	NS	NS	46.2	38.7	NR	102	NR
Zinc	109	10,000	395	1,540	NR	670	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-06_2-4_20241217 460-317499-14 12/17/2024 mg/kg 1	SB-06_2-4_20241217 460-317499-14 12/17/2024 mg/kg 400	SB-06_8-10_20241217 460-317499-15 12/17/2024 mg/kg 1	SB-07_0-2_20241217 460-317499-16 12/17/2024 mg/kg 1	SB-07_2-4_20241217 460-317499-17 12/17/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	8,020	NR	6,020	13,200	5,280
Antimony	NS	NS	0.7 J	NR	0.58 J	0.38 J	0.23 J
Arsenic	13	16	8.2	NR	4.9	47.5	7
Barium	350	400	513	NR	322	309	120
Beryllium	7.2	72	0.48	NR	0.32 J	1.5	0.36 J
Cadmium	2.5	4.3	2.1	NR	1.5	0.23 J	0.34 J
Calcium	NS	NS	19,100	NR	32,400	18,800	90,500
Chromium, Hexavalent	1	110	2 U	NR	2 U	NR	NR
Chromium, Total	NS	NS	26.7	NR	17.4	39.4	13
Cobalt	NS	NS	6.8	NR	5.5	7.7	2.8
Copper	50	270	82.3	NR	70.3	28.2	23.3
Iron	NS	NS	19,400	NR	17,100	49,600	14,000
Lead	63	400	683	NR	421	33.3	73
Magnesium	NS	NS	6,160	NR	6,510	3,130	2,510
Manganese	1,600	2,000	199	NR	201	133	67.9
Mercury	0.18	0.81	NR	112	0.58	0.3	NR
Nickel	30	310	25.3	NR	20.3	79.6	9
Potassium	NS	NS	2,200	NR	1,810	1,010	680
Selenium	3.9	180	0.47 J	NR	0.22 J	1.4	0.43 J
Silver	2	180	0.69	NR	0.29 J	0.13 J	0.12 J
Sodium	NS	NS	223	NR	140	460	198
Thallium	NS	NS	0.25 J	NR	0.13 J	0.88	0.094 J
Vanadium	NS	NS	56	NR	46.9	395	30
Zinc	109	10,000	455	NR	355	39.8	106

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-07_2-4_20241217 460-317499-17 12/17/2024 mg/kg 5	SB-07_8-10_20241217 460-317499-18 12/17/2024 mg/kg 1	SB-08_0-2_20241218 460-317606-17 12/18/2024 mg/kg 1	SB-08_0-2_20241218 460-317606-17 12/18/2024 mg/kg 2	SB-08_2-4_20241218 460-317606-18 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	6,540	3,300	NR	12,600
Antimony	NS	NS	NR	0.32 J	1.8	NR	0.82 U
Arsenic	13	16	NR	4.1	7.2	NR	1
Barium	350	400	NR	201	772	NR	181
Beryllium	7.2	72	NR	0.31 J	0.13 J	NR	0.32 J
Cadmium	2.5	4.3	NR	0.71 J	1.6	NR	0.27 J
Calcium	NS	NS	NR	22,500	29,600	NR	5,370
Chromium, Hexavalent	1	110	NR	NR	NR	NR	NR
Chromium, Total	NS	NS	NR	17.9	14	NR	27.6
Cobalt	NS	NS	NR	5.1	5.1	NR	12.5
Copper	50	270	NR	35.4	49	NR	38.5
Iron	NS	NS	NR	13,900	9,400	NR	23,900
Lead	63	400	NR	255	597	NR	56.8
Magnesium	NS	NS	NR	5,730	1,950	NR	5,700
Manganese	1,600	2,000	NR	152	138	NR	297
Mercury	0.18	0.81	2.6	0.26	NR	1	0.31
Nickel	30	310	NR	16.6	24.1	NR	25.7
Potassium	NS	NS	NR	1,870	556	NR	7,470
Selenium	3.9	180	NR	0.21 J	0.34 J	NR	1 U
Silver	2	180	NR	0.16 J	0.49	NR	0.14 J
Sodium	NS	NS	NR	92.5	149	NR	113
Thallium	NS	NS	NR	0.14 J	0.42 U	NR	0.34
Vanadium	NS	NS	NR	30.2	89.3	NR	39
Zinc	109	10,000	NR	192	1,010	NR	138

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-08_8-10_20241218 460-317606-19 12/18/2024 mg/kg 1	SB-09_0-2_20241218 460-317606-4 12/18/2024 mg/kg 1	SB-09_2-4_20241218 460-317606-5 12/18/2024 mg/kg 1	SB-X1_2-4_20241218 460-317606-3 12/18/2024 mg/kg 1	SB-09_8-10_20241218 460-317606-6 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	9,620	7,730	8,460	15,700	7,650
Antimony	NS	NS	0.63 J	0.2 J	1 J	0.21 J	3.9
Arsenic	13	16	3.5	4	7.2	3.8	8.2
Barium	350	400	268	165	1,060	268	754
Beryllium	7.2	72	0.33 J	0.25 J	0.3 J	0.51	0.31 J
Cadmium	2.5	4.3	0.8 J	2.5	2.5	0.36 J	2.5
Calcium	NS	NS	14,400	12,600	24,000	11,000	44,900
Chromium, Hexavalent	1	110	NR	2.3 U	2.3 U	2.3 U	2.8 U
Chromium, Total	NS	NS	28.1	19.5	26	42.4	26
Cobalt	NS	NS	7.9	6.3	7.8	11.9	8.2
Copper	50	270	231	29.7	165	52.1	95.9
Iron	NS	NS	19,300	14,300	16,000	32,300	22,400
Lead	63	400	226	140	496	116	706
Magnesium	NS	NS	4,570	5,470	4,600	9,740	6,210
Manganese	1,600	2,000	243	196	220	349	265
Mercury	0.18	0.81	0.23	0.19	0.7	0.039	0.024 U
Nickel	30	310	20.6	15.5	51.8	30	30.1
Potassium	NS	NS	4,150	3,290	1,560	7,140	2,570
Selenium	3.9	180	0.25 J	0.19 J	0.69 J	0.15 J	0.85 J
Silver	2	180	0.2 J	0.19 J	0.82	0.14 J	2.2
Sodium	NS	NS	204	92.2 J	177	191	242
Thallium	NS	NS	0.2 J	0.18 J	0.17 J	0.3 J	0.18 J
Vanadium	NS	NS	46.5	34	380	59.3	91.7
Zinc	109	10,000	282	1,730	1,290	187	1,010

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Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	14,600	7,270	1,530	17,100	8,200
Antimony	NS	NS	1.1 U	0.96 U	0.71 J	1.1 U	0.21 J
Arsenic	13	16	0.4 J	0.54 J	1.5	0.67 J	3
Barium	350	400	205	104	221	299	393
Beryllium	7.2	72	0.45	0.31 J	0.071 J	0.28 J	0.36 J
Cadmium	2.5	4.3	1.1 U	0.96 U	0.94 J	0.16 J	0.35 J
Calcium	NS	NS	2,760	1,600	80,600	2,690	16,500
Chromium, Hexavalent	1	110	NR	NR	NR	2.3 U	2.2 U
Chromium, Total	NS	NS	23.4	12.2	4.3	32.7	16.8
Cobalt	NS	NS	14.1	7.4	1.7 J	18.6	8.8
Copper	50	270	80.6	11.8	31	28.1	26.5
Iron	NS	NS	23,300	16,800	3,030	37,900	20,900
Lead	63	400	9.9	14.9	1,550	29.9	213
Magnesium	NS	NS	6,320	3,420	1,880	8,200	5,070
Manganese	1,600	2,000	419	288	47.4	431	341
Mercury	0.18	0.81	0.02	0.016	0.13	0.036	0.066
Nickel	30	310	23.9	14.4	16.3	38	17.5
Potassium	NS	NS	8,880	3,660	215	11,600	4,000
Selenium	3.9	180	1.4 U	1.2 U	0.16 J	1.3 U	0.24 J
Silver	2	180	0.45 U	0.38 U	0.24 J	0.43 U	0.099 J
Sodium	NS	NS	96.7 J	66 J	72.7 J	154	122
Thallium	NS	NS	0.34 J	0.15 J	0.4 U	0.49	0.19 J
Vanadium	NS	NS	32.7	15.3	198	51.3	25.7
Zinc	109	10,000	89.4	53.2	907	119	291

Table 3
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-X2_2-4_20241218 460-317606-16 12/18/2024 mg/kg 1	SB-11_8-10_20241218 460-317606-12 12/18/2024 mg/kg 1	SB-12_0-2_20241218 460-317606-7 12/18/2024 mg/kg 1	SB-12_2-4_20241218 460-317606-8 12/18/2024 mg/kg 1	SB-12_2-4_20241218 460-317606-8 12/18/2024 mg/kg 2
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	7,050	7,370	10,500	7,720	NR
Antimony	NS	NS	1 U	0.19 J	1 J	1.1	NR
Arsenic	13	16	0.42 J	0.71 J	8.3	7.6	NR
Barium	350	400	92	134	577	790	NR
Beryllium	7.2	72	0.25 J	0.2 J	0.46	0.58	NR
Cadmium	2.5	4.3	1 U	0.12 J	1.4	3.4	NR
Calcium	NS	NS	882	2,530	19,700	51,800	NR
Chromium, Hexavalent	1	110	2.2 U	2.1 U	NR	NR	NR
Chromium, Total	NS	NS	9.4	12.6	33.9	20.7	NR
Cobalt	NS	NS	7.7	7.7	10.6	6.8	NR
Copper	50	270	8.1	14.4	127	139	NR
Iron	NS	NS	14,400	14,600	52,800	14,900	NR
Lead	63	400	10.2	39.3	445	439	NR
Magnesium	NS	NS	3,310	3,360	6,800	7,380	NR
Manganese	1,600	2,000	243	229	313	211	NR
Mercury	0.18	0.81	0.058	0.018 U	0.52	NR	1.2
Nickel	30	310	13.9	13.6	30	68.7	NR
Potassium	NS	NS	4,310	4,580	3,600	1,860	NR
Selenium	3.9	180	1.3 U	1.3 U	0.65 J	1 J	NR
Silver	2	180	0.41 U	0.4 U	0.67	1.6	NR
Sodium	NS	NS	64.8 J	90.7 J	191	333	NR
Thallium	NS	NS	0.17 J	0.2 J	0.25 J	0.2 J	NR
Vanadium	NS	NS	12.1	19.4	64.4	NR	NR
Zinc	109	10,000	51.7	97.8	432	673	NR

Table 3
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-12_2-4_20241218 460-317606-8 12/18/2024 mg/kg 5	SB-12_8-10_20241218 460-317606-9 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q
Aluminum	NS	NS	NR	6,550
Antimony	NS	NS	NR	0.6 J
Arsenic	13	16	NR	4.8
Barium	350	400	NR	1,010
Beryllium	7.2	72	NR	0.24 J
Cadmium	2.5	4.3	NR	0.78 J
Calcium	NS	NS	NR	29,300
Chromium, Hexavalent	1	110	NR	NR
Chromium, Total	NS	NS	NR	20.1
Cobalt	NS	NS	NR	5.6
Copper	50	270	NR	847
Iron	NS	NS	NR	12,000
Lead	63	400	NR	418
Magnesium	NS	NS	NR	4,460
Manganese	1,600	2,000	NR	229
Mercury	0.18	0.81	NR	0.34
Nickel	30	310	NR	42.4
Potassium	NS	NS	NR	591
Selenium	3.9	180	NR	0.75 J
Silver	2	180	NR	2.1
Sodium	NS	NS	NR	202
Thallium	NS	NS	NR	0.11 J
Vanadium	NS	NS	565	254
Zinc	109	10,000	NR	1,030

Table 4
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-06_0-2_20241217 460-317499-13 12/17/2024 mg/kg 1	SB-06_2-4_20241217 460-317499-14 12/17/2024 mg/kg 1	SB-06_8-10_20241217 460-317499-15 12/17/2024 mg/kg 1	SB-09_0-2_20241218 460-317606-4 12/18/2024 mg/kg 1	SB-09_2-4_20241218 460-317606-5 12/18/2024 mg/kg 1	SB-X1_2-4_20241218 460-317606-3 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1221 (Aroclor 1221)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1232 (Aroclor 1232)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1242 (Aroclor 1242)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1248 (Aroclor 1248)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1254 (Aroclor 1254)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1260 (Aroclor 1260)	NS	NS	0.057 J	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1262 (Aroclor 1262)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
PCB-1268 (Aroclor 1268)	NS	NS	0.068 U	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U
Total PCBs	0.1	1	0.057 J	0.067 U	0.071 U	0.078 U	0.079 U	0.078 U

Table 4
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY

Subsurface Investigation

Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-09_8-10_20241218 460-317606-6 12/18/2024 mg/kg 1	SB-11_0-2_20241218 460-317606-10 12/18/2024 mg/kg 1	SB-11_2-4_20241218 460-317606-11 12/18/2024 mg/kg 1	SB-X2_2-4_20241218 460-317606-16 12/18/2024 mg/kg 1	SB-11_8-10_20241218 460-317606-12 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1221 (Aroclor 1221)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1232 (Aroclor 1232)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1242 (Aroclor 1242)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1248 (Aroclor 1248)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1254 (Aroclor 1254)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1260 (Aroclor 1260)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1262 (Aroclor 1262)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
PCB-1268 (Aroclor 1268)	NS	NS	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U
Total PCBs	0.1	1	0.094 U	0.079 U	0.074 U	0.075 U	0.069 U

Table 5
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Pesticides

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-06_0-2_20241217 460-317499-13 12/17/2024 mg/kg 1	SB-06_2-4_20241217 460-317499-14 12/17/2024 mg/kg 1	SB-06_8-10_20241217 460-317499-15 12/17/2024 mg/kg 1	SB-09_0-2_20241218 460-317606-4 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.002 UHT	0.002 UHT	0.0021 UHT	0.0023 UHT
Alpha Endosulfan	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.002 UHT	0.002 UHT	0.0021 UHT	0.0023 UHT
Beta Endosulfan	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
cis-Chlordane	0.094	4.2	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.002 UHT	0.002 UHT	0.0021 UHT	0.0023 UHT
Dieldrin	0.005	0.2	0.002 UHT	0.002 UHT	0.0021 UHT	0.0023 UHT
Endosulfan Sulfate	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Endrin Aldehyde	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Endrin Ketone	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Gamma Bhc (Lindane)	0.1	1.3	0.002 UHT	0.002 UHT	0.0021 UHT	0.0023 UHT
Heptachlor	0.042	2.1	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Heptachlor Epoxide	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
Methoxychlor	NS	NS	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
P,P'-DDD	0.0033	13	0.0068 UHT	0.0067 UHT	0.0071 UHT	0.0078 UHT
P,P'-DDE	0.0033	8.9	0.0032 JHT	0.0067 UHT	0.004 JHT	0.0078 UHT
P,P'-DDT	0.0033	7.9	0.0065 JHT	0.0029 JHT	0.014 HT	0.0078 UHT
Toxaphene	NS	NS	0.068 UHT	0.067 UHT	0.071 UHT	0.078 UHT

Table 5
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Pesticides

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-09_2-4_20241218 460-317606-5 12/18/2024 mg/kg 1	SB-X1_2-4_20241218 460-317606-3 12/18/2024 mg/kg 1	SB-09_8-10_20241218 460-317606-6 12/18/2024 mg/kg 1	SB-11_0-2_20241218 460-317606-10 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024 UHT	0.0023 UHT	0.0028 UHT	0.0023 UHT
Alpha Endosulfan	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024 UHT	0.0023 UHT	0.0028 UHT	0.0023 UHT
Beta Endosulfan	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
cis-Chlordane	0.094	4.2	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024 UHT	0.0023 UHT	0.0028 UHT	0.0023 UHT
Dieldrin	0.005	0.2	0.0024 UHT	0.0023 UHT	0.0028 UHT	0.0023 UHT
Endosulfan Sulfate	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Endrin Aldehyde	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Endrin Ketone	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Gamma Bhc (Lindane)	0.1	1.3	0.0024 UHT	0.0023 UHT	0.0028 UHT	0.0023 UHT
Heptachlor	0.042	2.1	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Heptachlor Epoxide	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
Methoxychlor	NS	NS	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
P,P'-DDD	0.0033	13	0.0079 UHT	0.0078 UHT	0.0094 UHT	0.0079 UHT
P,P'-DDE	0.0033	8.9	0.0081 HT	0.0078 UHT	0.0094 UHT	0.0079 UHT
P,P'-DDT	0.0033	7.9	0.0099 HT	0.0047 JHT	0.0039 JHT	0.0079 UHT
Toxaphene	NS	NS	0.079 UHT	0.078 UHT	0.094 UHT	0.079 UHT

Table 5
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Analytical Results of Pesticides

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			SB-11_2-4_20241218 460-317606-11 12/18/2024 mg/kg 1	SB-X2_2-4_20241218 460-317606-16 12/18/2024 mg/kg 1	SB-11_8-10_20241218 460-317606-12 12/18/2024 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0074 UHT	0.0075 UHT	0.0069 UHT
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 UHT	0.0022 UHT	0.0021 UHT
Alpha Endosulfan	NS	NS	0.0074 UHT	0.0075 UHT	0.0069 UHT
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 UHT	0.0022 UHT	0.0021 UHT
Beta Endosulfan	NS	NS	0.0074 UHT	0.0075 UHT	0.0069 UHT
cis-Chlordane	0.094	4.2	0.0074 UHT	0.0075 UHT	0.0069 UHT
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 UHT	0.0022 UHT	0.0021 UHT
Dieldrin	0.005	0.2	0.0022 UHT	0.0022 UHT	0.0021 UHT
Endosulfan Sulfate	NS	NS	0.0074 UHT	0.0075 UHT	0.0069 UHT
Endosulfans ABS	2.4	24	0 U	0 U	0 U
Endrin	0.014	11	0.0074 UHT	0.0075 UHT	0.0069 UHT
Endrin Aldehyde	NS	NS	0.0074 UHT	0.0075 UHT	0.0069 UHT
Endrin Ketone	NS	NS	0.0074 UHT	0.0075 UHT	0.0069 UHT
Gamma Bhc (Lindane)	0.1	1.3	0.0022 UHT	0.0022 UHT	0.0021 UHT
Heptachlor	0.042	2.1	0.0074 UHT	0.0075 UHT	0.0069 UHT
Heptachlor Epoxide	NS	NS	0.0074 UHT	0.0075 UHT	0.0069 UHT
Methoxychlor	NS	NS	0.0074 UHT	0.0075 UHT	0.0069 UHT
P,P'-DDD	0.0033	13	0.0074 UHT	0.0075 UHT	0.0069 UHT
P,P'-DDE	0.0033	8.9	0.0074 UHT	0.0075 UHT	0.0069 UHT
P,P'-DDT	0.0033	7.9	0.0053 JHT	0.0075 UHT	0.0041 JHT
Toxaphene	NS	NS	0.074 UHT	0.075 UHT	0.069 UHT

Table 6
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation

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

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			SB-06_0-2_20241217 460-317500-1 12/17/2024 1 ppb	SB-06_2-4_20241217 460-317500-2 12/17/2024 1 ppb	SB-06_8-10_20241217 460-317500-3 12/17/2024 1 ppb	SB-09_0-2_20241218 460-317615-1 12/18/2024 1 ppb
Compound	NYSDEC UUGV	NYSDEC RRGV	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	NS	NS	7.25 U	7.15 U	4.61 U	4.74 U
3-Perfluoropentylpropanoic acid (5:3 FTCA)	NS	NS	7.25 U	7.15 U	4.61 U	4.74 U
3-Perfluoropropylpropanoic acid (3:3 FTCA)	NS	NS	1.45 U	1.43 U	0.92 U	0.95 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NS	NS	2.9 U	2.86 U	1.85 U	1.9 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	0.29 UT	0.29 UT	0.18 UT	0.19 U
N-methylperfluorooctane sulfonamide (NMeFOSA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NS	NS	2.9 U	2.86 U	1.85 U	1.9 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	NS	0.58 U	0.57 U	0.37 U	0.38 U
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	NS	NS	0.58 U	0.57 U	0.37 U	0.38 UT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NS	NS	0.58 U	0.57 U	0.37 U	0.38 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NS	NS	0.58 U	0.57 U	0.37 U	0.38 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorobutanoic acid (PFBA)	NS	NS	1.16 U	1.14 U	0.74 U	0.76 U
Perfluorodecanesulfonic acid (PFDS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorodecanoic acid (PFDA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorododecanesulfonic acid (PFDoS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorododecanoic acid (PFDoA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluoroheptanoic acid (PFHpA)	NS	NS	0.29 U	0.29 U	0.18 U	0.069 J
Perfluorohexanesulfonic acid (PFHxS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorohexanoic acid (PFHxA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorononanesulfonic acid (PFNS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorononanoic acid (PFNA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorooctanesulfonamide (PFOSA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.29 U	0.39	0.75	0.97
Perfluorooctanoic acid (PFOA)	0.66	33	0.29 U	0.42	0.27	0.55
Perfluoropentanesulfonic acid (PFPeS)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluoropentanoic acid (PFPeA)	NS	NS	0.58 U	0.57 U	0.13 J	0.18 J
Perfluorotetradecanoic acid (PFTeDA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluorotridecanoic acid (PFTeDA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U
Perfluoroundecanoic acid (PFUnA)	NS	NS	0.29 U	0.29 U	0.18 U	0.19 U

Table 6
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation

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

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			SB-09_2-4_20241218 460-317615-2 12/18/2024 1 ppb	SB-X1_2-4_20241218 460-317615-7 12/18/2024 1 ppb	SB-09_8-10_20241218 460-317615-3 12/18/2024 1 ppb	SB-11_0-2_20241218 460-317615-4 12/18/2024 1 ppb
Compound	NYSDEC UUGV	NYSDEC RRGV	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	NS	NS	5.08 U	4.67 U	7.15 U	4.66 U
3-Perfluoropentylpropanoic acid (5:3 FTCA)	NS	NS	5.08 U	4.67 U	7.15 U	4.66 U
3-Perfluoropropylpropanoic acid (3:3 FTCA)	NS	NS	1.02 U	0.93 U	1.43 U	0.93 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NS	NS	2.03 U	1.87 U	2.86 U	1.87 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
N-methylperfluorooctane sulfonamide (NMeFOSA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NS	NS	2.03 U	1.87 U	2.86 U	1.87 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	NS	0.41 U	0.37 U	0.57 U	0.37 U
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESEA)	NS	NS	0.41 UT	0.37 UT	0.57 UT	0.37 UT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NS	NS	0.41 U	0.37 U	0.57 U	0.37 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NS	NS	0.41 U	0.37 U	0.57 U	0.37 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorobutanoic acid (PFBA)	NS	NS	0.81 U	0.75 U	1.14 U	0.75 U
Perfluorodecanesulfonic acid (PFDS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorodecanoic acid (PFDA)	NS	NS	0.2 U	0.19 U	0.29 U	0.095 J
Perfluorododecanesulfonic acid (PFDoS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorododecanoic acid (PFDoA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluoroheptanoic acid (PFHpA)	NS	NS	0.2 U	0.047 J	0.29 U	0.048 J
Perfluorohexanesulfonic acid (PFHxS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorohexanoic acid (PFHxA)	NS	NS	0.2 U	0.19 U	0.29 U	0.07 J
Perfluorononanesulfonic acid (PFNS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorononanoic acid (PFNA)	NS	NS	0.2 U	0.19 U	0.29 U	0.13 J
Perfluorooctanesulfonamide (PFOSA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.92	0.7	1.31	0.68
Perfluorooctanoic acid (PFOA)	0.66	33	0.42	0.33	0.17 J	0.17 J
Perfluoropentanesulfonic acid (PFPeS)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluoropentanoic acid (PFPeA)	NS	NS	0.23 J	0.7	0.57 U	0.11 J
Perfluorotetradecanoic acid (PFTeDA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluorotridecanoic acid (PFTrDA)	NS	NS	0.2 U	0.19 U	0.29 U	0.19 U
Perfluoroundecanoic acid (PFUnA)	NS	NS	0.2 U	0.19 U	0.29 U	0.072 J

Table 6
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY

Subsurface Investigation

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

AKRF Sample ID Laboratory Sample ID Date Sampled Dilution Factor Unit			SB-11_2-4_20241218 460-317615-5 12/18/2024 1 ppb	SB-11_8-10_20241218 460-317615-6 12/18/2024 1 ppb	FB-20241218 460-317615-8 12/18/2024 1 ppt
Compound	NYSDEC UUGV	NYSDEC RRGV	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	NS	NS	0.73 U	0.7 U	6.72 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	NS	0.73 U	0.7 U	6.72 U
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NS	NS	0.73 U	0.7 U	6.72 U
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	NS	0.73 U	0.7 U	6.72 U
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	NS	NS	4.58 U	4.35 U	42 U
3-Perfluoropentylpropanoic acid (5:3 FTCA)	NS	NS	4.58 U	4.35 U	42 U
3-Perfluoropropylpropanoic acid (3:3 FTCA)	NS	NS	0.92 U	0.87 U	8.41 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.73 U	0.7 U	6.72 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	NS	NS	0.73 U	0.7 U	6.72 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	NS	NS	0.73 U	0.7 U	6.72 U
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NS	NS	0.18 U	0.17 U	1.68 U
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NS	NS	1.83 U	1.74 U	16.8 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	NS	0.18 U	0.17 U	1.68 U
N-methylperfluorooctane sulfonamide (NMeFOSA)	NS	NS	0.18 U	0.17 U	1.68 U
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NS	NS	1.83 U	1.74 U	16.8 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	NS	0.18 U	0.17 U	1.68 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	NS	0.37 U	0.35 U	3.36 U
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	NS	NS	0.37 UT	0.35 UT	3.36 UT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NS	NS	0.37 U	0.35 U	3.36 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NS	NS	0.37 U	0.35 U	3.36 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorobutanoic acid (PFBA)	NS	NS	0.73 U	0.7 U	6.72 U
Perfluorodecanesulfonic acid (PFDS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorodecanoic acid (PFDA)	NS	NS	0.18 U	0.05 J	1.68 U
Perfluorododecanesulfonic acid (PFDoS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorododecanoic acid (PFDoA)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluoroheptanoic acid (PFHpA)	NS	NS	0.048 J	0.17 U	1.68 U
Perfluorohexanesulfonic acid (PFHxS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorohexanoic acid (PFHxA)	NS	NS	0.088 J	0.061 J	1.68 U
Perfluorononanesulfonic acid (PFNS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorononanoic acid (PFNA)	NS	NS	0.079 J	0.1 J	1.68 U
Perfluorooctanesulfonamide (PFOSA)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorooctanesulfonic acid (PFOS)	0.88	44	0.68	1.02	1.68 U
Perfluorooctanoic acid (PFOA)	0.66	33	0.23	0.33	1.68 U
Perfluoropentanesulfonic acid (PFPeS)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluoropentanoic acid (PFPeA)	NS	NS	0.19 J	0.1 J	3.36 U
Perfluorotetradecanoic acid (PFTeDA)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluorotridecanoic acid (PFTrDA)	NS	NS	0.18 U	0.17 U	1.68 U
Perfluoroundecanoic acid (PFUnA)	NS	NS	0.18 U	0.17 U	1.68 U

Table 7
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation

Soil Analytical Results of Toxicity Characteristic Leaching Procedure (TCLP) Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		SB-04_2-4_20241217 460-317499-8 12/17/2024 mg/l 10	SB-04_8-10_20241217 460-317499-9 12/17/2024 mg/l 10	SB-05_8-10_20241217 460-317499-12 12/17/2024 mg/l 20	SB-06_0-2_20241217 460-317499-13 12/17/2024 mg/l 10	SB-06_2-4_20241217 460-317499-14 12/17/2024 mg/l 1
Compound	EPA Hazardous Waste Criteria	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	5	NR	0.0149 J	NR	NR	NR
Barium	100	NR	NR	NR	NR	NR
Lead	5	22.6	10.3	199	1.74	NR
Mercury	0.2	NR	NR	NR	NR	0.00016 J

Table 7
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation

Soil Analytical Results of Toxicity Characteristic Leaching Procedure (TCLP) Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		SB-06_2-4_20241217 460-317499-14 12/17/2024 mg/l 10	SB-09_2-4_20241218 460-317606-5 12/18/2024 mg/l 10	SB-09_8-10_20241218 460-317606-6 12/18/2024 mg/l 10	SB-10_8-10_20241218 460-317606-15 12/18/2024 mg/l 10	SB-12_8-10_20241218 460-317606-9 12/18/2024 mg/l 10
Compound	EPA Hazardous Waste Criteria	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Arsenic	5	NR	NR	NR	NR	NR
Barium	100	NR	0.198	NR	NR	0.499
Lead	5	0.516	NR	0.0324	3.43	NR
Mercury	0.2	NR	NR	NR	NR	NR

Table 8
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of VOCs

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-01_20241227 460-318017-1 12/27/2024 µg/L 1	MW-02_20241227 460-318017-2 12/27/2024 µg/L 1	MW-03_20241227 460-318017-3 12/27/2024 µg/L 1	MW-0X_20241227 460-318017-4 12/27/2024 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 UT	1 UT	1 UT	1 UT
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U
Benzene	1	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U
Bromoform	50	1 UT	1 UT	1 UT	1 UT
Bromomethane	5	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	0.47 J
Cis-1,2-Dichloroethylene	5	1.3	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 UT	1 UT	1 UT	1 UT
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	1.1	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	5	0.68 J	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U
Vinyl Chloride	2	0.77 J	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U

Table 8
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of VOCs

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		FB-01_20241218 460-317606-1 12/18/2024 µg/L 1	FB-02_20241218 460-317606-23 12/18/2024 µg/L 1	FB_20241227 460-318017-5 12/27/2024 µg/L 1	TB_20241227 460-318017-6 12/27/2024 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 UT	1 UT	1 UT	1 UT
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U
Acetone	50	5 U	5 U	5 U	5 U
Benzene	1	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 UT	1 UT
Bromomethane	5	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	0.63 J	1 U	1 U
Cis-1,2-Dichloroethylene	5	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 UT	1 UT
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U
N-Butylbenzene	5	1 U	1 U	1 U	1 U
N-Propylbenzene	5	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U
Sec-Butylbenzene	5	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	1 U	1 U	1 U	1 U
Toluene	5	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	5	1 U	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U

Table 9
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of SVOCs

AKRF Sample ID	MW-01_20241227	MW-02_20241227	MW-03_20241227	MW-0X_20241227	FB-01_20241218	FB-02_20241218	FB_20241227
Laboratory Sample ID	460-318017-1	460-318017-2	460-318017-3	460-318017-4	460-317606-1	460-317606-23	460-318017-5
Date Sampled	12/27/2024	12/27/2024	12/27/2024	12/27/2024	12/18/2024	12/18/2024	12/27/2024
Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor	1	1	1	1	1	1	1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	NR	NR	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	0.35	NR	NR	0.2 UT	0.2 UT	0.2 U	0.2 UT
2,3,4,6-Tetrachlorophenol	NS	NR	NR	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	NR	NR	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	NR	NR	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	NR	NR	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	NR	NR	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	NR	NR	40 U	40 U	40 U	40 U
2,4-Dinitrotoluene	5	NR	NR	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	NR	NR	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	NR	NR	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	NR	NR	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	NR	NR	10 U	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	NR	NR	10 U	10 U	10 U	10 U
2-Nitroaniline	5	NR	NR	10 U	10 U	10 U	10 U
2-Nitrophenol	NS	NR	NR	10 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	NR	NR	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	NR	NR	10 U	10 U	10 U	10 U
3-Nitroaniline	5	NR	NR	10 U	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	NR	NR	20 U	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	NR	NR	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	NR	NR	10 U	10 U	10 U	10 U
4-Chloroaniline	5	NR	NR	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	NR	NR	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	NR	NR	10 U	10 U	10 U	10 U
4-Nitroaniline	5	NR	NR	10 U	10 U	10 U	10 U
4-Nitrophenol	NS	NR	NR	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone	NS	NR	NR	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U	10 U
Atrazine	7.5	NR	NR	2 UT	2 UT	2 UT	2 UT
Benzaldehyde	NS	NR	NR	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	NR	NR	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	NR	NR	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	NR	NR	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	NR	NR	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	NR	NR	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	NR	NR	2 U	2 U	2 U	2 U
Caprolactam	NS	NR	NR	10 U	10 U	10 U	10 U
Carbazole	NS	NR	NR	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	NS	NR	NR	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	NR	NR	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	NR	NR	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	NR	NR	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	NR	NR	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	NR	NR	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	NR	NR	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	NR	NR	10 U	10 U	10 U	10 U
Hexachloroethane	5	NR	NR	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Isophorone	50	NR	NR	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	NR	NR	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	NR	NR	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	NR	NR	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	NR	NR	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	1	NR	NR	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U	10 U

Table 10
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of Total Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-01_20241227 460-318017-1 12/27/2024 µg/L 1	MW-02_20241227 460-318017-2 12/27/2024 µg/L 1	MW-03_20241227 460-318017-3 12/27/2024 µg/L 1	MW-0X_20241227 460-318017-4 12/27/2024 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	58,100	272	91.2	943
Antimony	3	9.6	2 U	2 U	0.87 J
Arsenic	25	303	2 U	2 U	1.8 J
Barium	1,000	916	174	400	517
Beryllium	3	15.2	0.8 U	0.8 U	0.8 U
Cadmium	5	2.9	0.43 J	2 U	2 U
Calcium	NS	137,000	274,000	148,000	148,000
Chromium, Total	50	122	1.8 J	4 U	4.8
Cobalt	NS	34.3	0.58 J	4 U	0.99 J
Copper	200	314	9.6	4 U	13
Iron	300	71,900	1,920	1,660	3,580
Lead	25	473	61.3	21.2	134
Magnesium	35,000	35,500	14,200	10,800	11,100
Manganese	300	999	200	178	204
Mercury	0.7	1.2	0.2 U	0.2 U	0.36
Nickel	100	121	4 U	4 U	2.2 J
Potassium	NS	12,900	9,830	5,120	5,370
Selenium	10	5.4	2.5 U	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U	2 U
Sodium	20,000	73,000	43,300	29,100	29,200
Thallium	0.5	2.1	0.8 U	0.8 U	0.8 U
Vanadium	NS	354	30.3	7.4	23
Zinc	2,000	792	58.3	27.4	155

Table 10
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of Total Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		FB-01_20241218 460-317606-1 12/18/2024 µg/L 1	FB-02_20241218 460-317606-23 12/18/2024 µg/L 1	FB_20241227 460-318017-5 12/27/2024 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	40 U	40 U
Antimony	3	2 U	2 U	2 U
Arsenic	25	2 U	2 U	2 U
Barium	1,000	4 U	4 U	4 U
Beryllium	3	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U
Calcium	NS	500 U	500 U	500 U
Chromium, Total	50	4 U	4 U	4 U
Cobalt	NS	4 U	4 U	4 U
Copper	200	4 U	4 U	4 U
Iron	300	120 U	120 U	120 U
Lead	25	1.2 U	1.2 U	1.2 U
Magnesium	35,000	200 U	200 U	200 U
Manganese	300	8 U	8 U	8 U
Mercury	0.7	0.2 U	0.2 U	0.2 U
Nickel	100	4 U	4 U	4 U
Potassium	NS	200 U	200 U	200 U
Selenium	10	2.5 U	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U
Sodium	20,000	500 U	500 U	500 U
Thallium	0.5	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	4 U	4 U
Zinc	2,000	16 U	16 U	16 U

Table 11
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of Dissolved Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-01_20241227 460-318017-1 12/27/2024 µg/L 1	MW-02_20241227 460-318017-2 12/27/2024 µg/L 1	MW-03_20241227 460-318017-3 12/27/2024 µg/L 1	MW-0X_20241227 460-318017-4 12/27/2024 µg/L 1	FB_20241227 460-318017-5 12/27/2024 µg/L 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	2 U	2 U	2 U	2 U	2 U
Arsenic	25	2 U	2 U	2 U	2 U	2 U
Barium	1,000	96.7	130	391	395	4 U
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	0.41 J	2 U	2 U	2 U	2 U
Calcium	NS	120,000	259,000	146,000	147,000	500 U
Chromium, Total	50	4 U	4 U	4 U	4 U	4 U
Cobalt	NS	1.9 J	4 U	4 U	4 U	4 U
Copper	200	4 U	4 U	4 U	4 U	4 U
Iron	300	5,950	923	1,540	1,520	120 U
Lead	25	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	35,000	32,500	13,600	10,700	10,800	200 U
Manganese	300	706	184	180	181	8 U
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	4.4	4 U	4 U	4 U	4 U
Potassium	NS	7,500	9,220	5,100	5,170	200 U
Selenium	10	0.7 J	3.2	2.6	1.9 J	2.5 U
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	20,000	75,700	40,200	28,000	29,000	500 U
Thallium	0.5	0.39 J	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	1.1 J	17.4	4.9	4.7	4 U
Zinc	2,000	110	16 U	16 U	16 U	16 U

Table 12
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation

Groundwater Analytical Results of Polychlorinated Biphenyls (PCBs)

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-03_20241227 460-318017-3 12/27/2024 µg/L 1	MW-0X_20241227 460-318017-4 12/27/2024 µg/L 1	FB_20241227 460-318017-5 12/27/2024 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 UT	0.4 UT	0.4 UT
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U

Table 13
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of Pesticides

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-03_20241227 460-318017-3 12/27/2024 µg/L 1	MW-0X_20241227 460-318017-4 12/27/2024 µg/L 1	FB_20241227 460-318017-5 12/27/2024 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 UT	0.02 UT	0.02 UT
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 UT	0.02 UT	0.02 UT
Alpha Endosulfan	NS	0.02 UT	0.02 UT	0.02 UT
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 UT	0.02 UT	0.02 UT
Beta Endosulfan	NS	0.02 UT	0.02 UT	0.02 UT
cis-Chlordane	NS	0.02 UT	0.02 UT	0.02 UT
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 UT	0.02 UT	0.02 UT
Dieldrin	0.004	0.02 UT	0.02 UT	0.02 UT
Endosulfan Sulfate	NS	0.02 UT	0.02 UT	0.02 UT
Endosulfans ABS	NS	0 U	0 U	0 U
Endrin	ND	0.02 UT	0.02 UT	0.02 UT
Endrin Aldehyde	5	0.02 UT	0.02 UT	0.02 UT
Endrin Ketone	5	0.02 UT	0.02 UT	0.02 UT
Gamma Bhc (Lindane)	0.05	0.02 UT	0.02 UT	0.02 UT
Heptachlor	0.04	0.02 UT	0.02 UT	0.02 UT
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 UT	0.02 UT	0.02 UT
P,P'-DDD	0.3	0.02 UT	0.02 UT	0.02 UT
P,P'-DDE	0.2	0.02 UT	0.02 UT	0.02 UT
P,P'-DDT	0.2	0.02 UT	0.02 UT	0.02 UT
Toxaphene	0.06	0.5 U	0.5 U	0.5 U

Table 14
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Groundwater Analytical Results of PFAS

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		MW-03_20241227 460-318018-1 12/27/2024 ppt 1	MW-0X_20241227 460-318018-2 12/27/2024 ppt 1	FB_20241227 460-318018-3 12/27/2024 ppt 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	NS	7.24 U	7.59 U	7.25 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	NS	7.24 U	7.59 U	7.25 U
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	NS	7.24 U	7.59 U	7.25 U
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	NS	7.24 U	7.59 U	7.25 U
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	NS	45.2 U	47.5 U	45.3 U
3-Perfluoropentylpropanoic acid (5:3 FTCA)	NS	45.2 U	47.5 U	45.3 U
3-Perfluoropropylpropanoic acid (3:3 FTCA)	NS	9.04 U	9.49 U	9.06 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	7.24 U	7.59 U	7.25 U
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	NS	7.24 U	7.59 U	7.25 U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	NS	7.24 U	7.59 U	7.25 U
N-ethylperfluorooctane sulfonamide (NEtFOSA)	NS	1.81 U	1.9 U	1.81 U
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	NS	18.1 U	19 U	18.1 U
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	NS	0.52 J	1.9 U	1.81 U
N-methylperfluorooctane sulfonamide (NMeFOSA)	NS	1.81 U	1.9 U	1.81 U
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	NS	18.1 U	19 U	18.1 U
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	NS	1.81 U	1.9 U	1.81 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NS	3.62 U	3.8 U	3.63 U
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEA)	NS	3.62 UT	3.8 UT	3.63 UT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NS	3.62 U	3.8 U	3.63 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	NS	3.62 U	3.8 U	3.63 U
Perfluorobutanesulfonic acid (PFBS)	NS	1.46 J	1.56 J	1.81 U
Perfluorobutanoic acid (PFBA)	NS	2.37 J	2.45 J	7.25 U
Perfluorodecanesulfonic acid (PFDS)	NS	1.81 U	1.9 U	1.81 U
Perfluorodecanoic acid (PFDA)	NS	1.81 U	1.9 U	1.81 U
Perfluorododecanesulfonic acid (PFDoS)	NS	1.81 U	1.9 U	1.81 U
Perfluorododecanoic acid (PFDoA)	NS	1.81 U	1.9 U	1.81 U
Perfluoroheptanesulfonic acid (PFHpS)	NS	1.81 U	1.9 U	1.81 U
Perfluoroheptanoic acid (PFHpA)	NS	1.59 J	1.79 J	1.81 U
Perfluorohexanesulfonic acid (PFHxS)	NS	1.6 J	1.6 J	1.81 U
Perfluorohexanoic acid (PFHxA)	NS	3.01	2.87	1.81 U
Perfluorononanesulfonic acid (PFNS)	NS	1.81 U	1.9 U	1.81 U
Perfluorononanoic acid (PFNA)	NS	1.2 J	1.15 J	1.81 U
Perfluorooctanesulfonamide (PFOSA)	NS	1.81 U	1.9 U	1.81 U
Perfluorooctanesulfonic acid (PFOS)	2.7	9.95	9.77	1.81 UT
Perfluorooctanoic acid (PFOA)	6.7	9.75	9.63	1.81 U
Perfluoropentanesulfonic acid (PFPeS)	NS	1.81 U	1.9 U	1.81 U
Perfluoropentanoic acid (PFPeA)	NS	5.99	6.44	3.63 U
Perfluorotetradecanoic acid (PFTeDA)	NS	1.81 U	1.9 U	1.81 U
Perfluorotridecanoic acid (PFTTrDA)	NS	1.81 U	1.9 U	1.81 U
Perfluoroundecanoic acid (PFUnA)	NS	1.81 U	1.9 U	1.81 U

Table 15
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Soil Vapor Analytical Results of VOCs

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	SV-01_20241219 200-76367-1 12/19/2024 µg/m ³ 1	SV-01_20241219 200-76367-1 12/19/2024 µg/m ³ 2	SV-02_20241219 200-76367-2 12/19/2024 µg/m ³ 1	SV-03_20241219 200-76367-3 12/19/2024 µg/m ³ 1
Compound	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1.1 U	NR	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	1.4 U	NR	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.54 J	NR	0.42 J	0.54 J
1,1,2-Trichloroethane	1.1 U	NR	1.1 U	1.1 U
1,1-Dichloroethane	0.81 U	NR	0.81 U	0.81 U
1,1-Dichloroethene	0.2 U	NR	0.2 U	0.2 U
1,2,4-Trichlorobenzene	3.7 U	NR	3.7 U	3.7 U
1,2,4-Trimethylbenzene	100	NR	36	66
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	NR	1.5 U	1.5 U
1,2-Dichlorobenzene	1.2 U	NR	1.2 U	1.2 U
1,2-Dichloroethane	0.81 U	NR	0.81 U	0.81 U
1,2-Dichloropropane	0.92 U	NR	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	1.4 U	NR	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	42	NR	15	29
1,3-Butadiene	1.2	NR	0.21 J	0.32 J
1,3-Dichlorobenzene	1.2 U	NR	1.2 U	1.2 U
1,4-Dichlorobenzene	1.2 U	NR	1.2 U	1.2 U
2,2,4-Trimethylpentane	0.93 U	NR	0.2 J	0.4 J
2-Chlorotoluene	1 U	NR	1 U	1 U
2-Hexanone	2 U	NR	2 U	2 U
4-Ethyltoluene	64	NR	26	45
Acetone	25	NR	23	51
Allyl Chloride (3-Chloropropene)	1.6 U	NR	1.6 U	1.6 U
Benzene	7.4	NR	1.7	3
Benzyl Chloride	1 U	NR	1 U	1 U
Bromodichloromethane	1.3 U	NR	1.3 U	1.3 U
Bromoform	2.1 U	NR	2.1 U	2.1 U
Bromomethane	0.78 U	NR	0.78 U	0.78 U
Butane	NR	120 D	6.6	25
Carbon Disulfide	8	NR	4.1	1 J
Carbon Tetrachloride	0.3	NR	0.17 J	0.31
Chlorobenzene	0.92 U	NR	0.92 U	0.92 U
Chlorodifluoromethane	1 J	NR	0.69 J	1.2 J
Chloroethane	1.3 U	NR	1.3 U	1.3 U
Chloroform	0.94 J	NR	0.44 J	3.8
Chloromethane	1 U	NR	1 U	0.45 J
Cis-1,2-Dichloroethylene	0.4 B	NR	0.2 U	0.2 U
Cis-1,3-Dichloropropene	0.91 U	NR	0.91 U	0.91 U
Cyclohexane	82	NR	1.1	0.35 J
Cymene	1.3	NR	1.1 U	0.44 J
Dibromochloromethane	1.7 U	NR	1.7 U	1.7 U
Dichlorodifluoromethane	2.9	NR	8.2	2.4 J
Ethylbenzene	18	NR	2.1	3.3
Hexachlorobutadiene	2.1 U	NR	2.1 U	2.1 U
Isopropanol	12 U	NR	12 U	12 U
Isopropylbenzene (Cumene)	22	NR	3.1	4.9
M,P-Xylenes	43	NR	6.8	11
Methyl Ethyl Ketone (2-Butanone)	2.1	NR	1.5	4.3
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2 U	NR	2 U	2 U
Methyl Methacrylate	2 U	NR	2 U	2 U
Methylene Chloride	1.7 U	NR	0.69 J	1.7 U
Naphthalene	2 U	NR	2 U	2 U
N-Butylbenzene	1.2	NR	1.1 U	0.64 J
N-Heptane	NR	230 D	1.3	4.1
N-Hexane	79	NR	2.3	13
N-Propylbenzene	31	NR	13	24
O-Xylene (1,2-Dimethylbenzene)	15	NR	4.8	9
Sec-Butylbenzene	1.9	NR	1.1 U	0.3 J
Styrene	0.85 U	NR	0.41 J	0.26 J
T-Butylbenzene	0.94 J	NR	1.1 U	1.1 U
Tert-Butyl Alcohol	15 U	NR	15 U	7.4 J
Tert-Butyl Methyl Ether	0.72 U	NR	0.72 U	0.72 U
Tetrachloroethylene (PCE)	70	NR	12	8
Tetrahydrofuran	15 U	NR	15 U	15 U
Toluene	7.6	NR	3.6	4.6
Trans-1,2-Dichloroethene	0.44 J	NR	0.79 U	0.17 J
Trans-1,3-Dichloropropene	0.91 U	NR	0.91 U	0.91 U
Trichloroethylene (TCE)	6.1	NR	0.21	0.2 U
Trichlorofluoromethane	1.4	NR	1.1	1.3
Vinyl Bromide	0.87 U	NR	0.87 U	0.87 U
Vinyl Chloride	0.2 U	NR	0.2 U	0.2 U
Xylenes, Total	58	NR	12	20

Tables 1-15
Stevenson Commons Building B3
1850 Lafayette Avenue, Bronx, NY
Subsurface Investigation
Notes

DEFINITIONS

- B** : The analyte was found in an associated blank, as well as in the sample.
- 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.
- H** : Sample result is estimated and biased high.
- J** : The concentration given is an estimated value.
- ND** : The standard is a non-detectable concentration by the approved analytical method
- NR** : Not reported.
- NS** : No standard.
- T** : Indicates that a quality control parameter has exceeded laboratory limits.
- U** : The analyte was not detected at the indicated concentration.
- mg/kg** : milligrams per kilogram
- mg/L** : milligrams per liter
- ppb** : parts per billion
- ppt** : parts per trillion
- µg/L** : micrograms per liter
- µg/m³** : 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].

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

- 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 April 2023.

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.

- EPA Hazardous Waste Criteria by TCLP** : Protection of Environment, Chapter 1 - United States Environmental Protection Agency, Subchapter 1 - 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 and gray shading.

- 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.

DUPLICATES

MW-0X_20241227 is a blind duplicate of sample MW-03_20241227
SB-X1_2-4_20241218 is a blind duplicate of sample SB-09_2-4_20241218
SB-X2_2-4_20241218 is a blind duplicate of sample SB-11_2-4_20241218