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May 7, 2021

Mr. Matthew Kelly
East 182 Street Associates, LLC
902 Broadway, 13th Floor
New York, NY 10010

Re: 820 East 182nd Street, Bronx, New York
Phase II Environmental Site Assessment Results

Dear Mr. Kelly:

AKRF, Inc. (AKRF) conducted a Phase II Environmental Site Assessment (ESA) on behalf Phipps Houses at the property located at 820 East 182nd Street in the Bronx, New York (the "Site"). The Site is also identified as Bronx Borough Tax Block 3111, Lot 59. The approximately 6,945-square foot (SF) Site is currently developed with a Sunoco® gasoline station, auto repair shop, and convenience store. The Site is bound to the north by East 182nd Street, followed by a multi-story apartment building; to the south by multi-story apartment buildings; to the east by the intersection of Southern Boulevard, East 182nd Street, and Crotona Parkway, followed by the Bronx Zoo; and, to the west by a multi-tenant commercial building consisting of a deli/grocery, restaurant, and beauty spa. A Site Location Plan is provided as Figure 1.

The purpose of the Phase II ESA was to collect 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, and to determine whether the Recognized Environmental Conditions (RECs) identified in AKRF's April 2021 Phase I Environmental Site Assessment (ESA) have impacted the Site. The Phase II ESA was conducted on March 23 and 24, 2021 and included the following scope of work:

1. Advancement of 7 soil borings across the Site to bedrock with the collection and laboratory analysis of 16 soil samples to evaluate soil quality; and
2. Installation of 4 temporary soil vapor probes across the Site with the collection and laboratory analysis of 4 soil vapor samples.

Groundwater was not encountered above bedrock; as such, no groundwater samples were collected as part of the subsurface investigation. A formal Remedial Investigation Work Plan (RIWP) that includes the scope of work as well as additional soil, groundwater, and/or soil vapor sampling will be submitted to NYSDEC following acceptance of the Site into the BCP. The Remedial Investigation Report (RIR) will include findings from the RI and this Phase II ESA. The locations of the Phase II ESA soil borings and temporary soil vapor points are shown on Figure 2.

Soil Boring Advancement and Sampling

On March 23 and 24, 2021, seven soil borings (SB-01 through SB-07) were advanced to bedrock at the Site by Eastern Environmental Solutions, Inc. (Eastern) of Manorville, New York using a Geoprobe® direct-push drill rig at the locations shown on Figure 2. Soil samples were collected in 5-foot long, 2-inch diameter, stainless steel macrocore piston rod samplers fitted with dedicated, internal acetate liners. Soil 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 soil sample was collected from the 2-foot interval directly below any existing pavement and a second sample was collected from the 2-foot interval where the greatest evidence of contamination (e.g., odors, staining, elevated PID readings) was observed. In the absence of evidence of contamination, a sample was collected from the 2-foot interval directly above the presumed bedrock surface, which was encountered between approximately 7 feet and 19 feet below grade. At soil borings SB-02 and SB-03, a third sample was collected from 6 to 8 feet below grade and 11 to 13 feet below grade, respectively, where additional evidence of contamination was observed. Groundwater was not encountered above bedrock.

Soil cuttings that were observed to be contaminated were containerized in a properly labeled Department of Transportation (DOT) approved 55-gallon drum and disposed of off-site at Clean Water of New York in Staten Island, New York. All boreholes were backfilled with the remaining soil cuttings followed by bentonite chips (hydrated) and capped with concrete or asphalt to match the existing grade. Disposable sampling equipment, including spoons, gloves, bags, paper towels, etc. that came in contact with environmental media were double bagged and 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 appropriate United States Environmental Protection Agency (EPA) protocols. The samples were analyzed by Eurofins TestAmerica (TestAmerica), a New York State Department of Health Environmental Laboratory Approval Program (NYSDOH ELAP)-certified laboratory, for volatile organic compounds (VOCs) by EPA Method 8260, semivolatile organic compounds (SVOCs) by EPA Method 8270, polychlorinated biphenyls (PCBs) by EPA Method 8082, pesticides by EPA Method 8081, and the total analyte list (TAL) of metals by EPA Method 6000/7000 series plus hexavalent chromium by EPA Method 7196A. One trip blank, was submitted with the soil samples for Quality Assurance/Quality Control (QA/QC) purposes and analyzed for VOCs only. All results were reported using Category B deliverables.

Soil sample analytical results were compared to the NYSDEC 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs), the applicable Soil Cleanup Objectives (SCOs) for the proposed future use of the Site. Concentrations of petroleum-related VOCs were additionally compared to the Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs). Analytical results are summarized in Tables 1 through 5 and on Figure 3.

Temporary Soil Vapor Point Installation

One temporary sub-slab vapor point and three temporary soil vapor points were installed by Eastern on March 23, 2021 and four soil vapor samples were collected for chemical analysis by AKRF on the same day. Exterior soil vapor points SV-01, SV-02, and SV-03 were installed approximately 2 feet above

presumed bedrock, at depths ranging between 15 and 17 feet below grade. Sub-slab soil vapor point SV-04 was installed approximately 12 inches beneath the concrete building slab of the auto repair shop.

The temporary soil vapor and sub-slab vapor points were installed by advancing an expendable drive point using a Geoprobe® direct-push drill rig. At each monitoring point, a six-inch stainless steel screen implant connected to Teflon™-lined polyethylene tubing was installed through the drilling rods and threaded into the drive point. The sampling tubing was extended from the bottom end of the screen to above grade. The rods were then removed and the borings were backfilled with clean silica sand to approximately six 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 temporary soil vapor sampling point was purged of three sample volumes using a GilAir Plus sampling pump at a flow rate of 0.2 liter per minute. During purging, a shroud was placed over each sampling point and helium gas was introduced through a small hole in the shroud to saturate the atmosphere around the sample port with helium gas. Purged vapors were collected in a Tedlar® bag and field-screened for organic vapors using a PID. The purged air was also monitored using a portable helium detector to check for short-circuiting of ambient air into the vapor sampling point. All soil vapor points passed the seal integrity tests. PID readings ranged from 293.1 parts per million (ppm) at SV-01 to 614.3 ppm at SV-02.

After purging, each probe was connected via Teflon™-lined polyethylene tubing to a laboratory-supplied 6-Liter SUMMA® canister equipped with a flow regulator set to collect a sample over a two-hour sampling period. Immediately after opening the flow control valve, the initial SUMMA® canister vacuum (inches of mercury) was noted. After approximately two hours, the flow controller valve was closed, the final vacuum noted, and the canister placed in a shipping carton for delivery to the laboratory.

All samples were analyzed for VOCs by EPA Method TO-15 by TestAmerica with Category B deliverables. Sample containers were labeled and shipped to the laboratory via courier with appropriate chain of custody documentation.

Although there are currently no regulatory or published guidance values for VOCs in soil vapor, soil vapor data was used to assess the potential for exposure to receptors and to help define the nature and extent of contamination at the Site. Soil vapor analytical results are presented in Table 6. All soil vapor detections are shown on Figure 4.

Geology and Hydrogeology

Soil beneath the Site consisted of fill material (sand, gravel, silt, concrete, brick, and asphalt) between just below surface grade down to approximately 2 to 5 feet below grade. The fill material was underlain by apparent native soil (sand, silt, and gravel) to 19 feet below grade (the maximum boring terminus). Presumed weathered bedrock was encountered between approximately 7 feet below grade in SB-07 and 19 feet below grade in SB-02. Elevated PID readings and petroleum-like odors were observed in soil borings SB-02 (maximum of 713.4 ppm), SB-03 (maximum of 574.5 ppm), and SB-07 (maximum of 153 ppm). Groundwater was not encountered above bedrock during the investigation.

Analytical Results

Soil

VOCs were detected in 11 of the 16 soil samples. The VOCs 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, acetone, benzene, ethylbenzene, n-propylbenzene, toluene, and total xylenes were detected at concentrations above their respective UUSCOs and PGWSCOs. Concentrations of petroleum-related VOCs were detected up to 72 milligrams per kilogram (mg/kg) (total xylenes in sample 820_SB-03_11-13_20210323). No VOCs were detected at concentrations exceeding the RRSCOs.

SVOCs were detected at low levels in 13 of the 16 samples. Indeno(1,2,3-cd)pyrene was detected at a concentration of 0.72 mg/kg in sample 820_SB-04_0-2_20210324, just above the UUSCO and RRSCO of 0.5 mg/kg. No other SVOCs were detected above the UUSCOs and RRSCOs.

Up to 22 of the 23 TAL metals analyzed and hexavalent chromium were detected in all 16 soil samples. Silver was not detected in any soil sample. Of the detections, copper (maximum of 125 mg/kg), hexavalent chromium (maximum of 2.2 mg/kg), lead (maximum of 398 mg/kg), mercury (maximum of 0.65 mg/kg), and zinc (maximum of 357 mg/kg) were detected at concentrations above the UUSCOs, but below the RRSCOs.

PCBs were not detected above laboratory reporting limits in any of the soil samples. One pesticide, P,P'-DDT, was detected in sample 820_SB-01_0-2_20210323 at a concentration of 0.0035 mg/kg, above the UUSCO of 0.0033 mg/kg, but below the RRSCO of 7.9 mg/kg. No other pesticides were detected above laboratory reporting limits.

Exceedances of the UUSCOs and RRSCOs, and petroleum VOC exceedances of the PGWSCOs are shown on Figure 3.

Soil Vapor

Elevated concentrations of petroleum-related VOCs were detected in each of the four soil vapor samples. Of note, the VOCs 2,2,4-trimethylpentane, benzene, butane, cyclohexane, n-heptane, n-hexane, and toluene were detected at concentrations up to 360,000,000 micrograms per cubic meter ($\mu g/m^3$) (butane in sample 820_SV-03_20210323). The chlorinated solvent, tetrachloroethylene (PCE), was detected at a concentration of 58 $\mu g/m^3$ in sample 820_SV-04_20210323.

AKRF concluded that the soil and soil vapor laboratory results and field evidence of contamination are associated with the Site's current and historical automotive operations, which may be indicative of a reportable spill case to NYSDEC. It is recommended that the nature and extent of the on-site contamination be further delineated under the BCP.

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

Sincerely,
AKRF, Inc.

Deborah Shapiro, QEP
Senior Vice President

Attached:

Tables 1 through 6 – Phase II Analytical Results

Figure 1 – Site Location
Figure 2 – Sample Location Plan
Figure 3 – Soil Sample Concentrations Above NYSDEC UUSCOs, RRSCOs, and PGWSCOs
Figure 4 – Soil Vapor Sample Detections

Table 1
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Volatile Organic Compounds (VOCs)

				AKRF Sample ID	820_SB-01_0-2_20210323	820_SB-01_10-12_20210323	820_SB-02_0-2_20210323	820_SB-02_8-10_20210323
				Laboratory Sample ID	460-230602-1	460-230602-2	460-230602-3	460-230602-4
				Date Sampled	3/23/2021	3/23/2021	3/23/2021	3/23/2021
				Dilution Factor	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**		**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
1,1,1-Trichloroethane	**0.68**	**100**	**0.68**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,1,2,2-Tetrachloroethane	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,1,2-Trichloroethane	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,1-Dichloroethane	**0.27**	**26**	**0.27**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,1-Dichloroethene	**0.33**	**100**	**0.33**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,2,3-Trichlorobenzene	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,2,4-Trimethylbenzene	**3.6**	**52**	**3.6**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,2-Dibromo-3-Chloropropane	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,2-Dichloroethane	**0.02**	**3.1**	**0.02**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,2-Dichloropropane	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	**8.4**	**52**	**8.4**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
2-Hexanone	**NS**	**NS**	**NS**		0.0066 U	0.0057 U	0.0068 U	0.0054 U
Acetone	**0.05**	**100**	**0.05**		0.0079 U	0.015	0.0082 U	0.0065 U
Benzene	**0.06**	**4.8**	**0.06**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Bromochloromethane	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Bromodichloromethane	**NS**	**NS**	**NS**		0.0013 U	0.002	0.0014 U	0.0011 U
Bromoform	**NS**	**NS**	**NS**		0.0013 U	0.00074 J	0.0014 U	0.0011 U
Bromomethane	**NS**	**NS**	**NS**		0.0026 UT	0.0023 UT	0.0027 UT	0.0022 UT
Carbon Disulfide	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Carbon Tetrachloride	**0.76**	**2.4**	**0.76**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Chlorobenzene	**1.1**	**100**	**1.1**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Chloroethane	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Chloroform	**0.37**	**49**	**0.37**		0.0013 U	0.027	0.0014 U	0.0011 U
Chloromethane	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Cis-1,2-Dichloroethylene	**0.25**	**100**	**0.25**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Cis-1,3-Dichloropropene	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Cyclohexane	**NS**	**NS**	**NS**		0.00098 J	0.0011 U	0.0014 U	0.0011 U
Dibromochloromethane	**NS**	**NS**	**NS**		0.0013 U	0.0011	0.0014 U	0.0011 U
Dichlorodifluoromethane	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Ethylbenzene	**1**	**41**	**1**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Isopropylbenzene (Cumene)	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
M,P-Xylenes	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Methyl Acetate	**NS**	**NS**	**NS**		0.0066 U	0.0057 U	0.0068 U	0.0054 U
Methyl Ethyl Ketone (2-Butanone)	**0.12**	**100**	**0.12**		0.0066 U	0.017	0.0068 U	0.0054 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	**NS**	**NS**	**NS**		0.0066 U	0.0057 U	0.0068 U	0.0054 U
Methylcyclohexane	**NS**	**NS**	**NS**		0.00085 J	0.0011 U	0.0014 U	0.0011 U
Methylene Chloride	**0.05**	**100**	**0.05**		0.0026 U	0.0023 U	0.0027 U	0.0022 U
N-Butylbenzene	**12**	**100**	**12**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
N-Propylbenzene	**3.9**	**100**	**3.9**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Sec-Butylbenzene	**11**	**100**	**11**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Styrene	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
T-Butylbenzene	**5.9**	**100**	**5.9**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Tert-Butyl Methyl Ether	**0.93**	**100**	**0.93**		0.0013 U	0.0014	0.0014 U	0.0011 U
Tetrachloroethylene (PCE)	**1.3**	**19**	**1.3**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Toluene	**0.7**	**100**	**0.7**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Trans-1,2-Dichloroethene	**0.19**	**100**	**0.19**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Trans-1,3-Dichloropropene	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Trichloroethylene (TCE)	**0.47**	**21**	**0.47**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Trichlorofluoromethane	**NS**	**NS**	**NS**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Vinyl Chloride	**0.02**	**0.9**	**0.02**		0.0013 U	0.0011 U	0.0014 U	0.0011 U
Xylenes, Total	**0.26**	**100**	**1.6**		0.0026 U	0.0023 U	0.0027 U	0.0022 U

Table 1
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	820_SB-02_16-18_20210323	820_SB-03_0-2_20210323	820_SB-03_11-13_20210323	820_SB-03_15-17_20210323
			Laboratory Sample ID	460-230602-5	460-230602-6	460-230602-7	460-230602-8
			Date Sampled	3/23/2021	3/23/2021	3/23/2021	3/23/2021
			Dilution Factor	50	1	50	50
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
1,1,1-Trichloroethane	0.68	100	0.68	0.11 U	0.002 U	0.12 U	0.15 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
1,1,2-Trichloroethane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
1,1-Dichloroethane	0.27	26	0.27	0.11 U	0.002 U	0.12 U	0.15 U
1,1-Dichloroethene	0.33	100	0.33	0.11 U	0.002 U	0.12 U	0.15 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
1,2,4-Trimethylbenzene	3.6	52	3.6	**21**	0.002 U	**40**	**39**
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
1,2-Dichloroethane	0.02	3.1	0.02	0.11 U	0.002 U	0.12 U	0.15 U
1,2-Dichloropropane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	6.5	0.002 U	**12**	**11**
2-Hexanone	NS	NS	NS	0.55 U	0.0099 U	0.6 U	0.75 U
Acetone	0.05	100	0.05	0.55 U	0.012 U	0.6 U	0.75 U
Benzene	0.06	4.8	0.06	0.058 J	0.002 U	**1.7**	**0.35**
Bromochloromethane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
Bromodichloromethane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
Bromoform	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
Bromomethane	NS	NS	NS	0.11 U	0.004 UT	0.12 U	0.15 U
Carbon Disulfide	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
Carbon Tetrachloride	0.76	2.4	0.76	0.11 U	0.002 U	0.12 U	0.15 U
Chlorobenzene	1.1	100	1.1	0.11 U	0.002 U	0.12 U	0.15 U
Chloroethane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
Chloroform	0.37	49	0.37	0.11 U	0.002 U	0.12 U	0.15 U
Chloromethane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.11 U	0.002 U	0.12 U	0.15 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
Cyclohexane	NS	NS	NS	1.2	0.002 U	3	1.3
Dibromochloromethane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
Dichlorodifluoromethane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
Ethylbenzene	1	41	1	**6.9**	0.002 U	**13**	**12**
Isopropylbenzene (Cumene)	NS	NS	NS	0.92	0.002 U	2	1.9
M,P-Xylenes	NS	NS	NS	30	0.002 U	50	45
Methyl Acetate	NS	NS	NS	0.55 U	0.0099 U	0.6 U	0.75 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	0.55 U	0.0099 U	0.6 U	0.75 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.55 U	0.0099 U	0.6 U	0.75 U
Methylcyclohexane	NS	NS	NS	4.7	0.002 U	11	6.5
Methylene Chloride	0.05	100	0.05	0.11 U	0.004 U	0.12 U	0.15 U
N-Butylbenzene	12	100	12	1.2	0.002 U	2.1	2.2
N-Propylbenzene	3.9	100	3.9	3.2	0.002 U	**6.3**	**5.9**
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	10	0.002 U	22	17
Sec-Butylbenzene	11	100	11	0.34	0.002 U	0.66	0.66
Styrene	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
T-Butylbenzene	5.9	100	5.9	0.11 U	0.002 U	0.12 U	0.15 U
Tert-Butyl Methyl Ether	0.93	100	0.93	0.11 U	0.002 U	0.12 U	0.15 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.11 U	0.002 U	0.12 U	0.15 U
Toluene	0.7	100	0.7	**1.6**	0.002 U	**25**	**13**
Trans-1,2-Dichloroethene	0.19	100	0.19	0.11 U	0.002 U	0.12 U	0.15 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
Trichloroethylene (TCE)	0.47	21	0.47	0.11 U	0.002 U	0.12 U	0.15 U
Trichlorofluoromethane	NS	NS	NS	0.11 U	0.002 U	0.12 U	0.15 U
Vinyl Chloride	0.02	0.9	0.02	0.11 U	0.002 U	0.12 U	0.15 U
Xylenes, Total	0.26	100	1.6	**40**	0.004 U	**72**	**62**

Table 1
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	820_SB-04_0-2_20210324	820_SB-04_6-8_20210324	820_SB-05_0-2_20210324	820_SB-05_8-10_20210324
			Laboratory Sample ID	460-230663-1	460-230663-2	460-230663-3	460-230663-4
			Date Sampled	3/24/2021	3/24/2021	3/24/2021	3/24/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
1,1,1-Trichloroethane	**0.68**	**100**	**0.68**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
1,1,2,2-Tetrachloroethane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
1,1,2-Trichloroethane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
1,1-Dichloroethane	**0.27**	**26**	**0.27**	0.0011 U	0.0013 UT	0.0013 UT	0.0013 U
1,1-Dichloroethene	**0.33**	**100**	**0.33**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
1,2,3-Trichlorobenzene	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
1,2,4-Trimethylbenzene	**3.6**	**52**	**3.6**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
1,2-Dibromo-3-Chloropropane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
1,2-Dichloroethane	**0.02**	**3.1**	**0.02**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
1,2-Dichloropropane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	**8.4**	**52**	**8.4**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
2-Hexanone	**NS**	**NS**	**NS**	0.0057 U	0.0065 U	0.0064 U	0.0063 U
Acetone	**0.05**	**100**	**0.05**	0.0084	0.0078 U	0.0077 U	0.0076 U
Benzene	**0.06**	**4.8**	**0.06**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Bromochloromethane	**NS**	**NS**	**NS**	0.0011 U	0.0013 UT	0.0013 UT	0.0013 U
Bromodichloromethane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Bromoform	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Bromomethane	**NS**	**NS**	**NS**	0.0023 UT	0.0026 UT	0.0026 UT	0.0025 UT
Carbon Disulfide	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Carbon Tetrachloride	**0.76**	**2.4**	**0.76**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Chlorobenzene	**1.1**	**100**	**1.1**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Chloroethane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Chloroform	**0.37**	**49**	**0.37**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Chloromethane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Cis-1,2-Dichloroethylene	**0.25**	**100**	**0.25**	0.0011 U	0.0013 UT	0.0013 UT	0.0013 U
Cis-1,3-Dichloropropene	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Cyclohexane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Dibromochloromethane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Dichlorodifluoromethane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Ethylbenzene	**1**	**41**	**1**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Isopropylbenzene (Cumene)	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
M,P-Xylenes	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Methyl Acetate	**NS**	**NS**	**NS**	0.0057 U	0.0065 U	0.0064 U	0.0063 U
Methyl Ethyl Ketone (2-Butanone)	**0.12**	**100**	**0.12**	0.0057 U	0.0065 U	0.0064 U	0.0063 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	**NS**	**NS**	**NS**	0.0057 U	0.0065 UT	0.0064 UT	0.0063 U
Methylcyclohexane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Methylene Chloride	**0.05**	**100**	**0.05**	0.0023 U	0.0026 U	0.0026 U	0.0025 U
N-Butylbenzene	**12**	**100**	**12**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
N-Propylbenzene	**3.9**	**100**	**3.9**	0.0011 U	0.0013 UT	0.0013 UT	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	**NS**	**NS**	**NS**	0.0011 U	0.0013 UT	0.0013 UT	0.0013 U
Sec-Butylbenzene	**11**	**100**	**11**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Styrene	**NS**	**NS**	**NS**	0.0011 U	0.0013 UT	0.0013 UT	0.0013 U
T-Butylbenzene	**5.9**	**100**	**5.9**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Tert-Butyl Methyl Ether	**0.93**	**100**	**0.93**	0.0011 U	0.0013 UT	0.0013 UT	0.0013 U
Tetrachloroethylene (PCE)	**1.3**	**19**	**1.3**	0.0069	0.0013 U	0.0012 J	0.0013 U
Toluene	**0.7**	**100**	**0.7**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Trans-1,2-Dichloroethene	**0.19**	**100**	**0.19**	0.0011 U	0.0013 UT	0.0013 UT	0.0013 U
Trans-1,3-Dichloropropene	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Trichloroethylene (TCE)	**0.47**	**21**	**0.47**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Trichlorofluoromethane	**NS**	**NS**	**NS**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Vinyl Chloride	**0.02**	**0.9**	**0.02**	0.0011 U	0.0013 U	0.0013 U	0.0013 U
Xylenes, Total	**0.26**	**100**	**1.6**	0.0023 U	0.0026 U	0.0026 U	0.0025 U

Table 1
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	820_SB-06_0-2_20210324	820_SB-06_6-8_20210324	820_SB-07_0-2_20210324	820_SB-07_5-7_20210324
			Laboratory Sample ID	460-230663-5	460-230663-6	460-230663-7	460-230663-8
			Date Sampled	3/24/2021	3/24/2021	3/24/2021	3/24/2021
			Dilution Factor	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
1,1,1-Trichloroethane	**0.68**	**100**	**0.68**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,1,2,2-Tetrachloroethane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,1,2-Trichloroethane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,1-Dichloroethane	**0.27**	**26**	**0.27**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,1-Dichloroethene	**0.33**	**100**	**0.33**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,2,3-Trichlorobenzene	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,2,4-Trimethylbenzene	**3.6**	**52**	**3.6**	0.00037 J	0.0013 U	0.0012 U	0.023
1,2-Dibromo-3-Chloropropane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,2-Dichloroethane	**0.02**	**3.1**	**0.02**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,2-Dichloropropane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
1,3,5-Trimethylbenzene (Mesitylene)	**8.4**	**52**	**8.4**	0.0012 U	0.0013 U	0.0012 U	0.01
2-Hexanone	**NS**	**NS**	**NS**	0.0059 U	0.0067 U	0.0058 U	0.0069 U
Acetone	**0.05**	**100**	**0.05**	**0.37**	0.008 U	0.007 U	0.05
Benzene	**0.06**	**4.8**	**0.06**	0.0012 U	0.0013 U	0.0012 U	0.0053
Bromochloromethane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Bromodichloromethane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Bromoform	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Bromomethane	**NS**	**NS**	**NS**	0.0024 UT	0.0027 UT	0.0023 UT	0.0028 UT
Carbon Disulfide	**NS**	**NS**	**NS**	0.00085 J	0.0013 U	0.0012 U	0.0014 U
Carbon Tetrachloride	**0.76**	**2.4**	**0.76**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Chlorobenzene	**1.1**	**100**	**1.1**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Chloroethane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Chloroform	**0.37**	**49**	**0.37**	0.0012 U	0.0013 U	0.0011 J	0.0014 U
Chloromethane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Cis-1,2-Dichloroethylene	**0.25**	**100**	**0.25**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Cis-1,3-Dichloropropene	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Cyclohexane	**NS**	**NS**	**NS**	0.0012 U	0.00031 J	0.0012 U	0.00072 J
Dibromochloromethane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Dichlorodifluoromethane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Ethylbenzene	**1**	**41**	**1**	0.0014	0.0013 U	0.0012 U	0.005
Isopropylbenzene (Cumene)	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.00064 J
M,P-Xylenes	**NS**	**NS**	**NS**	0.0053	0.0013 U	0.00025 J	0.029
Methyl Acetate	**NS**	**NS**	**NS**	0.0059 U	0.0067 U	0.0058 U	0.0069 U
Methyl Ethyl Ketone (2-Butanone)	**0.12**	**100**	**0.12**	0.03	0.0067 U	0.0058 U	0.015
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	**NS**	**NS**	**NS**	0.0059 U	0.0067 U	0.0058 U	0.0069 U
Methylcyclohexane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.003
Methylene Chloride	**0.05**	**100**	**0.05**	0.0024 U	0.0027 U	0.0023 U	0.0028 U
N-Butylbenzene	**12**	**100**	**12**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
N-Propylbenzene	**3.9**	**100**	**3.9**	0.0012 U	0.0013 U	0.0012 U	0.0015
O-Xylene (1,2-Dimethylbenzene)	**NS**	**NS**	**NS**	0.0017	0.0013 U	0.0012 U	0.012
Sec-Butylbenzene	**11**	**100**	**11**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Styrene	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
T-Butylbenzene	**5.9**	**100**	**5.9**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Tert-Butyl Methyl Ether	**0.93**	**100**	**0.93**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Tetrachloroethylene (PCE)	**1.3**	**19**	**1.3**	0.0012 U	0.0013 U	0.0061	0.0032
Toluene	**0.7**	**100**	**0.7**	0.0012 U	0.0013 U	0.0012 U	0.021
Trans-1,2-Dichloroethene	**0.19**	**100**	**0.19**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Trans-1,3-Dichloropropene	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Trichloroethylene (TCE)	**0.47**	**21**	**0.47**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Trichlorofluoromethane	**NS**	**NS**	**NS**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Vinyl Chloride	**0.02**	**0.9**	**0.02**	0.0012 U	0.0013 U	0.0012 U	0.0014 U
Xylenes, Total	**0.26**	**100**	**1.6**	0.007	0.0027 U	0.0023 U	0.041

Table 1
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	820_TB_20210324
			Laboratory Sample ID	460-230663-9
			Date Sampled	3/24/2021
			Dilution Factor	1
			Unit	µg/L
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**NYSDEC PGWSCO**	**CONC Q**
1,1,1-Trichloroethane	0.68	100	0.68	1 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	NS	1 U
1,1,2-Trichloroethane	NS	NS	NS	1 U
1,1-Dichloroethane	0.27	26	0.27	1 U
1,1-Dichloroethene	0.33	100	0.33	1 U
1,2,3-Trichlorobenzene	NS	NS	NS	1 U
1,2,4-Trimethylbenzene	3.6	52	3.6	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	1 U
1,2-Dichloroethane	0.02	3.1	0.02	1 U
1,2-Dichloropropane	NS	NS	NS	1 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4	1 U
2-Hexanone	NS	NS	NS	5 U
Acetone	0.05	100	0.05	**14**
Benzene	0.06	4.8	0.06	1 U
Bromochloromethane	NS	NS	NS	1 U
Bromodichloromethane	NS	NS	NS	1 U
Bromoform	NS	NS	NS	1 UT
Bromomethane	NS	NS	NS	1 U
Carbon Disulfide	NS	NS	NS	1 U
Carbon Tetrachloride	0.76	2.4	0.76	1 U
Chlorobenzene	1.1	100	1.1	1 U
Chloroethane	NS	NS	NS	1 U
Chloroform	0.37	49	0.37	1 U
Chloromethane	NS	NS	NS	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	1 U
Cis-1,3-Dichloropropene	NS	NS	NS	1 U
Cyclohexane	NS	NS	NS	1 U
Dibromochloromethane	NS	NS	NS	1 UT
Dichlorodifluoromethane	NS	NS	NS	1 U
Ethylbenzene	1	41	1	1 U
Isopropylbenzene (Cumene)	NS	NS	NS	1 U
M,P-Xylenes	NS	NS	NS	1 U
Methyl Acetate	NS	NS	NS	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.12	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	5 U
Methylcyclohexane	NS	NS	NS	1 U
Methylene Chloride	0.05	100	0.05	1 U
N-Butylbenzene	12	100	12	1 U
N-Propylbenzene	3.9	100	3.9	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	1 U
Sec-Butylbenzene	11	100	11	1 U
Styrene	NS	NS	NS	1 U
T-Butylbenzene	5.9	100	5.9	1 U
Tert-Butyl Methyl Ether	0.93	100	0.93	1 U
Tetrachloroethylene (PCE)	1.3	19	1.3	1 U
Toluene	0.7	100	0.7	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19	1 U
Trans-1,3-Dichloropropene	NS	NS	NS	1 U
Trichloroethylene (TCE)	0.47	21	0.47	1 U
Trichlorofluoromethane	NS	NS	NS	1 U
Vinyl Chloride	0.02	0.9	0.02	1 U
Xylenes, Total	0.26	100	1.6	2 U

Table 2
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	820_SB-01_0-2_20210323	820_SB-01_10-12_20210323	820_SB-02_0-2_20210323	820_SB-02_8-10_20210323	820_SB-02_16-18_20210323	820_SB-03_0-2_20210323
		Laboratory Sample ID	460-230602-1	460-230602-2	460-230602-3	460-230602-4	460-230602-5	460-230602-6
		Date Sampled	3/23/2021	3/23/2021	3/23/2021	3/23/2021	3/23/2021	3/23/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.04 U	0.037 U	0.039 U	0.039 U	0.035 U	0.038 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
2,4,5-Trichlorophenol	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
2,4,6-Trichlorophenol	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
2,4-Dinitrophenol	NS	NS	0.33 U	0.3 U	0.31 U	0.31 U	0.28 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.082 U	0.075 U	0.079 U	0.079 U	0.071 U	0.077 U
2,6-Dinitrotoluene	NS	NS	0.082 U	0.075 U	0.079 U	0.079 U	0.071 U	0.077 U
2-Chloronaphthalene	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
2-Chlorophenol	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
2-Methylnaphthalene	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.27 J	0.041 J
2-Methylphenol (O-Cresol)	0.33	100	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
2-Nitroaniline	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
2-Nitrophenol	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.14 U	0.15 U
3-Methylphenol/4-Methylphenol	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
3-Nitroaniline	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.33 U	0.3 U	0.31 U	0.31 U	0.28 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
4-Chloro-3-Methylphenol	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
4-Chloroaniline	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
4-Methylphenol (P-Cresol)	0.33	100	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
4-Nitroaniline	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
4-Nitrophenol	NS	NS	0.82 U	0.75 U	0.79 U	0.79 U	0.71 U	0.77 U
Acenaphthene	20	100	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Acenaphthylene	100	100	0.031 J	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Acetophenone	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Anthracene	100	100	0.027 J	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Atrazine	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Benzo(a)Anthracene	1	1	0.17	0.037 U	0.014 J	0.039 U	0.035 U	0.02 J
Benzo(a)Pyrene	1	1	0.25	0.037 U	0.039 U	0.039 U	0.035 U	0.02 J
Benzo(b)Fluoranthene	1	1	0.39	0.037 U	0.012 J	0.039 U	0.035 U	0.023 J
Benzo(g,h,i)Perylene	100	100	0.11 J	0.047 J	0.39 U	0.39 U	0.35 U	0.011 J
Benzo(k)Fluoranthene	0.8	3.9	0.13	0.037 U	0.039 U	0.039 U	0.035 U	0.0091 J
Benzyl Butyl Phthalate	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Biphenyl (Diphenyl)	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.04 U	0.037 U	0.039 U	0.039 U	0.035 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Caprolactam	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Carbazole	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Chrysene	1	3.9	0.18 J	0.37 U	0.009 J	0.39 U	0.35 U	0.017 J
Dibenz(a,h)Anthracene	0.33	0.33	0.041	0.023 J	0.02 J	0.039 U	0.035 U	0.038 U
Dibenzofuran	7	59	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Diethyl Phthalate	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Dimethyl Phthalate	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Di-N-Octylphthalate	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Fluoranthene	100	100	0.23 J	0.37 U	0.015 J	0.39 U	0.35 U	0.026 J
Fluorene	30	100	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Hexachlorobenzene	0.33	1.2	0.04 U	0.037 U	0.039 U	0.039 U	0.035 U	0.038 U
Hexachlorobutadiene	NS	NS	0.082 U	0.075 U	0.079 U	0.079 U	0.071 U	0.077 U
Hexachlorocyclopentadiene	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Hexachloroethane	NS	NS	0.04 U	0.037 U	0.039 U	0.039 U	0.035 U	0.038 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.18	0.066	0.03 J	0.039 U	0.035 U	0.038 U
Isophorone	NS	NS	0.16 U	0.15 U	0.16 U	0.16 U	0.14 U	0.15 U
Naphthalene	12	100	0.042 J	0.37 U	0.39 U	0.39 U	0.25 J	0.047 J
Nitrobenzene	NS	NS	0.04 U	0.037 U	0.039 U	0.039 U	0.035 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.04 U	0.037 U	0.039 U	0.039 U	0.035 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Pentachlorophenol	0.8	6.7	0.33 U	0.3 U	0.31 U	0.31 U	0.28 U	0.3 U
Phenanthrene	100	100	0.07 J	0.37 U	0.011 J	0.39 U	0.35 U	0.022 J
Phenol	0.33	100	0.4 U	0.37 U	0.39 U	0.39 U	0.35 U	0.38 U
Pyrene	100	100	0.22 J	0.37 U	0.39 U	0.39 U	0.35 U	0.03 J

Table 2
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	820_SB-03_11-13_20210323	820_SB-03_15-17_20210323	820_SB-04_0-2_20210324	820_SB-04_6-8_20210324	820_SB-05_0-2_20210324	820_SB-05_8-10_20210324
		Laboratory Sample ID	460-230602-7	460-230602-8	460-230663-1	460-230663-2	460-230663-3	460-230663-4
		Date Sampled	3/23/2021	3/23/2021	3/24/2021	3/24/2021	3/24/2021	3/24/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.038 U	0.036 U	0.038 U	0.035 U	0.038 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.14 U	0.16 U	0.14 U	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.14 U	0.16 U	0.14 U	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS	0.38 U	0.082 J	0.38 U	0.35 U	0.38 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.31 U	0.29 U	0.31 U	0.27 J	0.31 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.078 U	0.072 U	0.078 U	0.071 U	0.077 U	0.073 U
2,6-Dinitrotoluene	NS	NS	0.078 U	0.072 U	0.078 U	0.071 U	0.077 U	0.073 U
2-Chloronaphthalene	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
2-Chlorophenol	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
2-Methylnaphthalene	NS	NS	3.4	1.6	0.017 J	0.35 U	0.013 J	0.36 U
2-Methylphenol (O-Cresol)	0.33	100	0.38 U	0.071 J	0.38 U	0.35 U	0.38 U	0.36 U
2-Nitroaniline	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
2-Nitrophenol	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.16 U	0.14 U	0.15 U	0.14 U
3-Methylphenol/4-Methylphenol	NS	NS	0.38 U	0.058 J	0.38 U	0.35 U	0.38 U	0.36 U
3-Nitroaniline	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.29 U	0.31 U	0.28 U	0.31 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
4-Chloroaniline	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
4-Methylphenol (P-Cresol)	0.33	100	0.38 U	0.058 J	0.38 U	0.35 U	0.38 U	0.36 U
4-Nitroaniline	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
4-Nitrophenol	NS	NS	0.78 U	0.72 U	0.78 U	0.71 U	0.77 U	0.73 U
Acenaphthene	20	100	0.015 J	0.017 J	0.058 J	0.35 U	0.015 J	0.36 U
Acenaphthylene	100	100	0.38 U	0.36 U	0.088 J	0.35 U	0.057 J	0.36 U
Acetophenone	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Anthracene	100	100	0.38 U	0.36 U	0.19 J	0.35 U	0.061 J	0.36 U
Atrazine	NS	NS	0.15 U	0.14 U	0.16 U	0.14 U	0.15 U	0.14 U
Benzaldehyde	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Benzo(a)Anthracene	1	1	0.03 J	0.025 J	0.63	0.035 U	0.35	0.036 U
Benzo(a)Pyrene	1	1	0.013 J	0.015 J	0.68	0.035 U	0.43	0.036 U
Benzo(b)Fluoranthene	1	1	0.031 J	0.021 J	1	0.035 U	0.66	0.036 U
Benzo(g,h,i)Perylene	100	100	0.012 J	0.36 U	0.66	0.35 U	0.29 J	0.36 U
Benzo(k)Fluoranthene	0.8	3.9	0.0091 J	0.0086 J	0.33	0.035 U	0.21	0.036 U
Benzyl Butyl Phthalate	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.053 J	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.036 U	0.038 U	0.035 U	0.038 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Caprolactam	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Carbazole	NS	NS	0.38 U	0.36 U	0.13 J	0.35 U	0.04 J	0.36 U
Chrysene	1	3.9	0.026 J	0.019 J	0.61	0.35 U	0.44	0.36 U
Dibenz(a,h)Anthracene	0.33	0.33	0.038 U	0.036 U	0.13	0.035 U	0.074	0.036 U
Dibenzofuran	7	59	0.38 U	0.36 U	0.041 J	0.35 U	0.38 U	0.36 U
Diethyl Phthalate	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Dimethyl Phthalate	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Fluoranthene	100	100	0.055 J	0.048 J	1.3	0.35 U	0.65	0.36 U
Fluorene	30	100	0.028 J	0.025 J	0.07 J	0.35 U	0.016 J	0.36 U
Hexachlorobenzene	0.33	1.2	0.038 U	0.036 U	0.038 U	0.035 U	0.038 U	0.036 U
Hexachlorobutadiene	NS	NS	0.078 U	0.072 U	0.078 U	0.071 U	0.077 U	0.073 U
Hexachlorocyclopentadiene	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Hexachloroethane	NS	NS	0.038 U	0.036 U	0.038 U	0.035 U	0.038 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.038 U	0.036 U	0.72	0.035 U	0.37	0.036 U
Isophorone	NS	NS	0.15 U	0.14 U	0.16 U	0.14 U	0.15 U	0.14 U
Naphthalene	12	100	4.2	1.8	0.033 J	0.35 U	0.022 J	0.36 U
Nitrobenzene	NS	NS	0.038 U	0.036 U	0.038 U	0.035 U	0.038 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.036 U	0.038 U	0.035 U	0.038 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Pentachlorophenol	0.8	6.7	0.31 U	0.29 U	0.31 U	0.28 U	0.31 U	0.29 U
Phenanthrene	100	100	0.084 J	0.082 J	0.84	0.35 U	0.28 J	0.36 U
Phenol	0.33	100	0.38 U	0.36 U	0.38 U	0.35 U	0.38 U	0.36 U
Pyrene	100	100	0.058 J	0.05 J	0.98	0.35 U	0.61	0.36 U

Table 2
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	820_SB-06_0-2_20210324	820_SB-06_6-8_20210324	820_SB-07_0-2_20210324	820_SB-07_5-7_20210324
		Laboratory Sample ID	460-230663-5	460-230663-6	460-230663-7	460-230663-8
		Date Sampled	3/24/2021	3/24/2021	3/24/2021	3/24/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	0.035 U	0.034 U	0.039 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.14 U	0.14 U	0.16 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.14 U	0.14 U	0.16 U
2,4-Dimethylphenol	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
2,4-Dinitrophenol	NS	NS	0.3 U	0.28 U	0.28 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.071 U	0.07 U	0.078 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.071 U	0.07 U	0.078 U
2-Chloronaphthalene	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
2-Chlorophenol	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
2-Methylnaphthalene	NS	NS	0.37 U	0.35 U	0.018 J	0.069 J
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	0.35 U	0.34 U	0.39 U
2-Nitroaniline	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
2-Nitrophenol	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.14 U	0.16 U
3-Methylphenol/4-Methylphenol	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
3-Nitroaniline	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	0.28 U	0.28 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
4-Chloroaniline	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
4-Methylphenol (P-Cresol)	0.33	100	0.37 U	0.35 U	0.34 U	0.39 U
4-Nitroaniline	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
4-Nitrophenol	NS	NS	0.74 U	0.71 U	0.7 U	0.78 U
Acenaphthene	20	100	0.37 U	0.35 U	0.34 U	0.39 U
Acenaphthylene	100	100	0.017 J	0.35 U	0.02 J	0.015 J
Acetophenone	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Anthracene	100	100	0.023 J	0.35 U	0.023 J	0.39 U
Atrazine	NS	NS	0.15 U	0.14 U	0.14 U	0.16 U
Benzaldehyde	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Benzo(a)Anthracene	1	1	0.037 U	0.035 U	0.034 U	0.089
Benzo(a)Pyrene	1	1	0.016 J	0.035 U	0.037	0.086
Benzo(b)Fluoranthene	1	1	0.028 J	0.035 U	0.025 J	0.13
Benzo(g,h,i)Perylene	100	100	0.056 J	0.35 U	0.28 J	0.065 J
Benzo(k)Fluoranthene	0.8	3.9	0.0074 J	0.035 U	0.034 U	0.051
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.035 U	0.034 U	0.039 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.035 J	0.35 U	0.34 U	0.11 J
Caprolactam	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Carbazole	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Chrysene	1	3.9	0.37 U	0.35 U	0.34 U	0.08 J
Dibenz(a,h)Anthracene	0.33	0.33	0.026 J	0.035 U	0.052	0.03 J
Dibenzofuran	7	59	0.37 U	0.35 U	0.34 U	0.39 U
Diethyl Phthalate	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Dimethyl Phthalate	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Fluoranthene	100	100	0.37 U	0.35 U	0.34 U	0.14 J
Fluorene	30	100	0.37 U	0.35 U	0.34 U	0.39 U
Hexachlorobenzene	0.33	1.2	0.037 U	0.035 U	0.034 U	0.039 U
Hexachlorobutadiene	NS	NS	0.074 U	0.071 U	0.07 U	0.078 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Hexachloroethane	NS	NS	0.037 U	0.035 U	0.034 U	0.039 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.073	0.035 U	0.33	0.099
Isophorone	NS	NS	0.15 U	0.14 U	0.14 U	0.16 U
Naphthalene	12	100	0.37 U	0.35 U	0.34 U	0.078 J
Nitrobenzene	NS	NS	0.037 U	0.035 U	0.034 U	0.039 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.035 U	0.034 U	0.039 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.35 U	0.34 U	0.39 U
Pentachlorophenol	0.8	6.7	0.3 U	0.28 U	0.28 U	0.31 U
Phenanthrene	100	100	0.011 J	0.35 U	0.026 J	0.031 J
Phenol	0.33	100	0.37 U	0.35 U	0.34 U	0.39 U
Pyrene	100	100	0.017 J	0.35 U	0.016 J	0.13 J

Table 3
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Metals

		AKRF Sample ID	820_SB-01_0-2_20210323	820_SB-01_10-12_20210323	820_SB-02_0-2_20210323	820_SB-02_8-10_20210323
		Laboratory Sample ID	460-230602-1	460-230602-2	460-230602-3	460-230602-4
		Date Sampled	3/23/2021	3/23/2021	3/23/2021	3/23/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
Aluminum	**NS**	**NS**	11,100	10,800	15,500	15,200
Antimony	**NS**	**NS**	0.54 J	1.1 U	1.1 U	1.1 U
Arsenic	**13**	**16**	3	0.86 J	2.1	3.1
Barium	**350**	**400**	186	110	118	111
Beryllium	**7.2**	**72**	0.41 J	0.3 J	0.68	0.66
Cadmium	**2.5**	**4.3**	0.51 J	1.1 U	1.1 U	0.25 J
Calcium	**NS**	**NS**	14,000	1,740	1,060	1,480
Chromium, Hexavalent	**1**	**110**	2.4 U	2.2 U	2.4 U	2.3 U
Chromium, Total	**NS**	**NS**	32.4	44.4	28.3	36
Cobalt	**NS**	**NS**	9.2	9.9	9.8	14.3
Copper	**50**	**270**	44.3	32.8	22.7	23.5
Iron	**NS**	**NS**	19,700	24,300	23,300	27,800
Lead	**63**	**400**	**398**	8.4	18.5	29.5
Magnesium	**NS**	**NS**	9,480	5,650	4,900	4,100
Manganese	**1,600**	**2,000**	269	186	188	242
Mercury	**0.18**	**0.81**	**0.65**	0.016 J	0.071	0.12
Nickel	**30**	**310**	18.8	22.3	18.6	18.5
Potassium	**NS**	**NS**	3,250	5,440	3,370	2,500
Selenium	**3.9**	**180**	0.23 J	0.19 J	0.24 J	0.47 J
Silver	**2**	**180**	1.1 U	1.1 U	1.1 U	1.1 U
Sodium	**NS**	**NS**	231	165	375	317
Thallium	**NS**	**NS**	0.16 J	0.26 J	0.2 J	0.2 J
Vanadium	**NS**	**NS**	41	36.6	40.2	38.1
Zinc	**109**	**10,000**	**253**	55.3	53.3	**132**

Table 3
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Metals

		AKRF Sample ID	820_SB-02_16-18_20210323	820_SB-03_0-2_20210323	820_SB-03_11-13_20210323	820_SB-03_15-17_20210323
		Laboratory Sample ID	460-230602-5	460-230602-6	460-230602-7	460-230602-8
		Date Sampled	3/23/2021	3/23/2021	3/23/2021	3/23/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
Aluminum	**NS**	**NS**	9,110	7,620	12,100	9,840
Antimony	**NS**	**NS**	1 U	1.1 U	1.1 U	1 U
Arsenic	**13**	**16**	0.97 J	2.9	2.3	0.49 J
Barium	**350**	**400**	74.2	244	107	134
Beryllium	**7.2**	**72**	0.19 J	0.35 J	0.38 J	0.49
Cadmium	**2.5**	**4.3**	1 U	0.17 J	1.1 U	1 U
Calcium	**NS**	**NS**	1,310	23,400	2,280	1,400
Chromium, Hexavalent	**1**	**110**	2.1 U	2.3 U	2.3 U	2.2 U
Chromium, Total	**NS**	**NS**	22.6	15.9	32.4	20.6
Cobalt	**NS**	**NS**	7.2	5.7	10.1	12.5
Copper	**50**	**270**	36.2	**125**	28.2	21.1
Iron	**NS**	**NS**	16,900	13,300	20,900	22,300
Lead	**63**	**400**	6.5	**137**	7.5	4.6
Magnesium	**NS**	**NS**	5,020	3,440	5,840	4,370
Manganese	**1,600**	**2,000**	190	282	295	165
Mercury	**0.18**	**0.81**	0.0089 J	0.058	0.011 J	0.011 J
Nickel	**30**	**310**	14.5	11	20.5	22.1
Potassium	**NS**	**NS**	5,520	2,170	3,460	4,060
Selenium	**3.9**	**180**	1.3 U	0.26 J	1.3 U	0.12 J
Silver	**2**	**180**	1 U	1.1 U	1.1 U	1 U
Sodium	**NS**	**NS**	161	529	495	204
Thallium	**NS**	**NS**	0.22 J	0.097 J	0.21 J	0.17 J
Vanadium	**NS**	**NS**	23.7	23.6	38.7	24
Zinc	**109**	**10,000**	99.4	**188**	55.4	50.6

Table 3
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Metals

		AKRF Sample ID	820_SB-04_0-2_20210324	820_SB-04_6-8_20210324	820_SB-05_0-2_20210324	820_SB-05_8-10_20210324
		Laboratory Sample ID	460-230663-1	460-230663-2	460-230663-3	460-230663-4
		Date Sampled	3/24/2021	3/24/2021	3/24/2021	3/24/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
Aluminum	**NS**	**NS**	10,800	10,900	11,800	12,800
Antimony	**NS**	**NS**	0.78 J	0.77 U	0.55 J	0.83 U
Arsenic	**13**	**16**	4.2	0.64 J	5	0.83
Barium	**350**	**400**	193	77.2	204	125
Beryllium	**7.2**	**72**	0.49	0.49	0.52	0.82
Cadmium	**2.5**	**4.3**	1.1	0.77 U	0.83 J	0.83 U
Calcium	**NS**	**NS**	7,210	848	8,850	759
Chromium, Hexavalent	**1**	**110**	2.4 U	2.1 U	**2.2 J**	2.2 U
Chromium, Total	**NS**	**NS**	23.3	15.8	29.9	21.5
Cobalt	**NS**	**NS**	7.4	10.7	8.2	12.9
Copper	**50**	**270**	46.7	21.5	**57**	32.4
Iron	**NS**	**NS**	20,400	19,700	20,900	25,600
Lead	**63**	**400**	**313**	14.1	**369**	10.7
Magnesium	**NS**	**NS**	4,240	4,210	4,820	4,460
Manganese	**1,600**	**2,000**	339	247	382	567
Mercury	**0.18**	**0.81**	**0.19**	0.017	**0.3**	0.009 J
Nickel	**30**	**310**	15.7	20.9	17.6	20.3
Potassium	**NS**	**NS**	2,290	4,250	2,080	5,640
Selenium	**3.9**	**180**	0.42 J	0.96 U	0.46 J	1 U
Silver	**2**	**180**	0.9 U	0.77 U	0.84 U	0.83 U
Sodium	**NS**	**NS**	292	119	188	89.6
Thallium	**NS**	**NS**	0.17 J	0.23 J	0.14 J	0.28 J
Vanadium	**NS**	**NS**	28.8	18.3	37	26.7
Zinc	**109**	**10,000**	**293**	56.3	**357**	57

Table 3
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Metals

		AKRF Sample ID	820_SB-06_0-2_20210324	820_SB-06_6-8_20210324	820_SB-07_0-2_20210324	820_SB-07_0-2_20210324
		Laboratory Sample ID	460-230663-5	460-230663-6	460-230663-7	460-230663-7
		Date Sampled	3/24/2021	3/24/2021	3/24/2021	3/24/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	10
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
Aluminum	**NS**	**NS**	8,900	13,800	3,850	NR
Antimony	**NS**	**NS**	0.92 U	0.81 U	0.8 U	NR
Arsenic	**13**	**16**	3.7	0.72 J	2.2	NR
Barium	**350**	**400**	110	170	82.5	NR
Beryllium	**7.2**	**72**	0.44	0.66	0.15 J	NR
Cadmium	**2.5**	**4.3**	0.24 J	0.81 U	0.22 J	NR
Calcium	**NS**	**NS**	27,700	947	NR	153,000
Chromium, Hexavalent	**1**	**110**	2.2 U	2.2 U	2.1 U	NR
Chromium, Total	**NS**	**NS**	26.8	31.3	5.6	NR
Cobalt	**NS**	**NS**	7.9	12.1	5.2	NR
Copper	**50**	**270**	26.7	40.6	17.9	NR
Iron	**NS**	**NS**	16,900	28,300	11,300	NR
Lead	**63**	**400**	32.7	4.9	**101**	NR
Magnesium	**NS**	**NS**	6,670	5,350	NR	86,100
Manganese	**1,600**	**2,000**	463	417	236	NR
Mercury	**0.18**	**0.81**	0.017 J	0.01 J	0.023	NR
Nickel	**30**	**310**	17.1	18.5	6.5	NR
Potassium	**NS**	**NS**	3,040	7,680	531	NR
Selenium	**3.9**	**180**	1.2 U	1 U	0.21 J	NR
Silver	**2**	**180**	0.92 U	0.81 U	0.8 U	NR
Sodium	**NS**	**NS**	241	195	552	NR
Thallium	**NS**	**NS**	0.18 J	0.3 J	0.31 J	NR
Vanadium	**NS**	**NS**	30.4	32.1	23.9	NR
Zinc	**109**	**10,000**	65.9	59.2	90.7	NR

Table 3
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Metals

		AKRF Sample ID	820_SB-07_5-7_20210324	820_SB-07_5-7_20210324
		Laboratory Sample ID	460-230663-8	460-230663-8
		Date Sampled	3/24/2021	3/24/2021
		Unit	mg/kg	mg/kg
		Dilution Factor	1	10
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**
Aluminum	**NS**	**NS**	5,700	NR
Antimony	**NS**	**NS**	0.2 J	NR
Arsenic	**13**	**16**	3.7	NR
Barium	**350**	**400**	71.4	NR
Beryllium	**7.2**	**72**	0.36 J	NR
Cadmium	**2.5**	**4.3**	0.93 U	NR
Calcium	**NS**	**NS**	NR	68,200
Chromium, Hexavalent	**1**	**110**	2.3 U	NR
Chromium, Total	**NS**	**NS**	21	NR
Cobalt	**NS**	**NS**	3	NR
Copper	**50**	**270**	27.3	NR
Iron	**NS**	**NS**	7,860	NR
Lead	**63**	**400**	31	NR
Magnesium	**NS**	**NS**	3,760	NR
Manganese	**1,600**	**2,000**	123	NR
Mercury	**0.18**	**0.81**	0.025	NR
Nickel	**30**	**310**	8.9	NR
Potassium	**NS**	**NS**	785	NR
Selenium	**3.9**	**180**	1.2 U	NR
Silver	**2**	**180**	0.93 U	NR
Sodium	**NS**	**NS**	347	NR
Thallium	**NS**	**NS**	0.37 U	NR
Vanadium	**NS**	**NS**	10.8	NR
Zinc	**109**	**10,000**	87.4	NR

Table 4
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	820_SB-01_0-2_20210323	820_SB-01_10-12_20210323	820_SB-02_0-2_20210323	820_SB-02_8-10_20210323
		Laboratory Sample ID	460-230602-1	460-230602-2	460-230602-3	460-230602-4
		Date Sampled	3/23/2021	3/23/2021	3/23/2021	3/23/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
PCB-1016 (Aroclor 1016)	**NS**	**NS**	0.082 U	0.075 U	0.079 U	0.079 U
PCB-1221 (Aroclor 1221)	**NS**	**NS**	0.082 U	0.075 U	0.079 U	0.079 U
PCB-1232 (Aroclor 1232)	**NS**	**NS**	0.082 U	0.075 U	0.079 U	0.079 U
PCB-1242 (Aroclor 1242)	**NS**	**NS**	0.082 U	0.075 U	0.079 U	0.079 U
PCB-1248 (Aroclor 1248)	**NS**	**NS**	0.082 U	0.075 U	0.079 U	0.079 U
PCB-1254 (Aroclor 1254)	**NS**	**NS**	0.082 U	0.075 U	0.079 U	0.079 U
PCB-1260 (Aroclor 1260)	**NS**	**NS**	0.082 U	0.075 U	0.079 U	0.079 U
PCB-1262 (Aroclor 1262)	**NS**	**NS**	0.082 U	0.075 U	0.079 U	0.079 U
PCB-1268 (Aroclor 1268)	**NS**	**NS**	0.082 U	0.075 U	0.079 U	0.079 U
Total PCBs	**0.1**	**1**	0.082 U	0.075 U	0.079 U	0.079 U

Table 4
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	820_SB-02_16-18_20210323	820_SB-03_0-2_20210323	820_SB-03_11-13_20210323	820_SB-03_15-17_20210323
		Laboratory Sample ID	460-230602-5	460-230602-6	460-230602-7	460-230602-8
		Date Sampled	3/23/2021	3/23/2021	3/23/2021	3/23/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
PCB-1016 (Aroclor 1016)	**NS**	**NS**	0.071 U	0.077 U	0.078 U	0.072 U
PCB-1221 (Aroclor 1221)	**NS**	**NS**	0.071 U	0.077 U	0.078 U	0.072 U
PCB-1232 (Aroclor 1232)	**NS**	**NS**	0.071 U	0.077 U	0.078 U	0.072 U
PCB-1242 (Aroclor 1242)	**NS**	**NS**	0.071 U	0.077 U	0.078 U	0.072 U
PCB-1248 (Aroclor 1248)	**NS**	**NS**	0.071 U	0.077 U	0.078 U	0.072 U
PCB-1254 (Aroclor 1254)	**NS**	**NS**	0.071 U	0.077 U	0.078 U	0.072 U
PCB-1260 (Aroclor 1260)	**NS**	**NS**	0.071 U	0.077 U	0.078 U	0.072 U
PCB-1262 (Aroclor 1262)	**NS**	**NS**	0.071 U	0.077 U	0.078 U	0.072 U
PCB-1268 (Aroclor 1268)	**NS**	**NS**	0.071 U	0.077 U	0.078 U	0.072 U
Total PCBs	**0.1**	**1**	0.071 U	0.077 U	0.078 U	0.072 U

Table 4
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	820_SB-04_0-2_20210324	820_SB-04_6-8_20210324	820_SB-05_0-2_20210324	820_SB-05_8-10_20210324
		Laboratory Sample ID	460-230663-1	460-230663-2	460-230663-3	460-230663-4
		Date Sampled	3/24/2021	3/24/2021	3/24/2021	3/24/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
PCB-1016 (Aroclor 1016)	**NS**	**NS**	0.078 U	0.071 U	0.077 U	0.073 U
PCB-1221 (Aroclor 1221)	**NS**	**NS**	0.078 U	0.071 U	0.077 U	0.073 U
PCB-1232 (Aroclor 1232)	**NS**	**NS**	0.078 U	0.071 U	0.077 U	0.073 U
PCB-1242 (Aroclor 1242)	**NS**	**NS**	0.078 U	0.071 U	0.077 U	0.073 U
PCB-1248 (Aroclor 1248)	**NS**	**NS**	0.078 U	0.071 U	0.077 U	0.073 U
PCB-1254 (Aroclor 1254)	**NS**	**NS**	0.078 U	0.071 U	0.077 U	0.073 U
PCB-1260 (Aroclor 1260)	**NS**	**NS**	0.078 U	0.071 U	0.077 U	0.073 U
PCB-1262 (Aroclor 1262)	**NS**	**NS**	0.078 U	0.071 U	0.077 U	0.073 U
PCB-1268 (Aroclor 1268)	**NS**	**NS**	0.078 U	0.071 U	0.077 U	0.073 U
Total PCBs	**0.1**	**1**	0.078 U	0.071 U	0.077 U	0.073 U

Table 4
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	820_SB-06_0-2_20210324	820_SB-06_6-8_20210324	820_SB-07_0-2_20210324	820_SB-07_5-7_20210324
		Laboratory Sample ID	460-230663-5	460-230663-6	460-230663-7	460-230663-8
		Date Sampled	3/24/2021	3/24/2021	3/24/2021	3/24/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
PCB-1016 (Aroclor 1016)	**NS**	**NS**	0.074 U	0.071 U	0.07 U	0.078 U
PCB-1221 (Aroclor 1221)	**NS**	**NS**	0.074 U	0.071 U	0.07 U	0.078 U
PCB-1232 (Aroclor 1232)	**NS**	**NS**	0.074 U	0.071 U	0.07 U	0.078 U
PCB-1242 (Aroclor 1242)	**NS**	**NS**	0.074 U	0.071 U	0.07 U	0.078 U
PCB-1248 (Aroclor 1248)	**NS**	**NS**	0.074 U	0.071 U	0.07 U	0.078 U
PCB-1254 (Aroclor 1254)	**NS**	**NS**	0.074 U	0.071 U	0.07 U	0.078 U
PCB-1260 (Aroclor 1260)	**NS**	**NS**	0.074 U	0.071 U	0.07 U	0.078 U
PCB-1262 (Aroclor 1262)	**NS**	**NS**	0.074 U	0.071 U	0.07 U	0.078 U
PCB-1268 (Aroclor 1268)	**NS**	**NS**	0.074 U	0.071 U	0.07 U	0.078 U
Total PCBs	**0.1**	**1**	0.074 U	0.071 U	0.07 U	0.078 U

Table 5
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Pesticides

		AKRF Sample ID	820_SB-01_0-2_20210323	820_SB-01_10-12_20210323	820_SB-02_0-2_20210323	820_SB-02_8-10_20210323
		Laboratory Sample ID	460-230602-1	460-230602-2	460-230602-3	460-230602-4
		Date Sampled	3/23/2021	3/23/2021	3/23/2021	3/23/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
Aldrin	**0.005**	**0.097**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	**0.02**	**0.48**	0.0024 U	0.0022 U	0.0023 U	0.0023 U
Alpha Endosulfan	**NS**	**NS**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
Beta Bhc (Beta Hexachlorocyclohexane)	**0.036**	**0.36**	0.0024 U	0.0022 U	0.0023 U	0.0023 U
Beta Endosulfan	**NS**	**NS**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
cis-Chlordane	**0.094**	**4.2**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
Delta BHC (Delta Hexachlorocyclohexane)	**0.04**	**100**	0.0024 U	0.0022 U	0.0023 U	0.0023 U
Dieldrin	**0.005**	**0.2**	0.0024 U	0.0022 U	0.0023 U	0.0023 U
Endosulfan Sulfate	**NS**	**NS**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
Endosulfans ABS	**2.4**	**24**	0 U	0 U	0 U	0 U
Endrin	**0.014**	**11**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
Endrin Aldehyde	**NS**	**NS**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
Endrin Ketone	**NS**	**NS**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
Gamma Bhc (Lindane)	**0.1**	**1.3**	0.0024 U	0.0022 U	0.0023 U	0.0023 U
Heptachlor	**0.042**	**2.1**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
Heptachlor Epoxide	**NS**	**NS**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
Methoxychlor	**NS**	**NS**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
P,P'-DDD	**0.0033**	**13**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
P,P'-DDE	**0.0033**	**8.9**	0.0082 U	0.0075 U	0.0079 U	0.0079 U
P,P'-DDT	**0.0033**	**7.9**	**0.0035 J**	0.0075 U	0.0079 U	0.0079 U
Toxaphene	**NS**	**NS**	0.082 U	0.075 U	0.079 U	0.079 U

Table 5
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Pesticides

		AKRF Sample ID	820_SB-02_16-18_20210323	820_SB-03_0-2_20210323	820_SB-03_11-13_20210323	820_SB-03_15-17_20210323
		Laboratory Sample ID	460-230602-5	460-230602-6	460-230602-7	460-230602-8
		Date Sampled	3/23/2021	3/23/2021	3/23/2021	3/23/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
Aldrin	**0.005**	**0.097**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	**0.02**	**0.48**	0.0021 U	0.0023 U	0.0023 U	0.0022 U
Alpha Endosulfan	**NS**	**NS**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
Beta Bhc (Beta Hexachlorocyclohexane)	**0.036**	**0.36**	0.0021 U	0.0023 U	0.0023 U	0.0022 U
Beta Endosulfan	**NS**	**NS**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
cis-Chlordane	**0.094**	**4.2**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
Delta BHC (Delta Hexachlorocyclohexane)	**0.04**	**100**	0.0021 U	0.0023 U	0.0023 U	0.0022 U
Dieldrin	**0.005**	**0.2**	0.0021 U	0.0023 U	0.0023 U	0.0022 U
Endosulfan Sulfate	**NS**	**NS**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
Endosulfans ABS	**2.4**	**24**	0 U	0 U	0 U	0 U
Endrin	**0.014**	**11**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
Endrin Aldehyde	**NS**	**NS**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
Endrin Ketone	**NS**	**NS**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
Gamma Bhc (Lindane)	**0.1**	**1.3**	0.0021 U	0.0023 U	0.0023 U	0.0022 U
Heptachlor	**0.042**	**2.1**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
Heptachlor Epoxide	**NS**	**NS**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
Methoxychlor	**NS**	**NS**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
P,P'-DDD	**0.0033**	**13**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
P,P'-DDE	**0.0033**	**8.9**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
P,P'-DDT	**0.0033**	**7.9**	0.0071 U	0.0077 U	0.0078 U	0.0072 U
Toxaphene	**NS**	**NS**	0.071 U	0.077 U	0.078 U	0.072 U

Table 5
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Pesticides

		AKRF Sample ID	820_SB-04_0-2_20210324	820_SB-04_6-8_20210324	820_SB-05_0-2_20210324	820_SB-05_8-10_20210324
		Laboratory Sample ID	460-230663-1	460-230663-2	460-230663-3	460-230663-4
		Date Sampled	3/24/2021	3/24/2021	3/24/2021	3/24/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
Aldrin	**0.005**	**0.097**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	**0.02**	**0.48**	0.0023 U	0.0021 U	0.0023 U	0.0022 U
Alpha Endosulfan	**NS**	**NS**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
Beta Bhc (Beta Hexachlorocyclohexane)	**0.036**	**0.36**	0.0023 U	0.0021 U	0.0023 U	0.0022 U
Beta Endosulfan	**NS**	**NS**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
cis-Chlordane	**0.094**	**4.2**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
Delta BHC (Delta Hexachlorocyclohexane)	**0.04**	**100**	0.0023 U	0.0021 U	0.0023 U	0.0022 U
Dieldrin	**0.005**	**0.2**	0.0023 U	0.0021 U	0.0023 U	0.0022 U
Endosulfan Sulfate	**NS**	**NS**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
Endosulfans ABS	**2.4**	**24**	0 U	0 U	0 U	0 U
Endrin	**0.014**	**11**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
Endrin Aldehyde	**NS**	**NS**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
Endrin Ketone	**NS**	**NS**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
Gamma Bhc (Lindane)	**0.1**	**1.3**	0.0023 U	0.0021 U	0.0023 U	0.0022 U
Heptachlor	**0.042**	**2.1**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
Heptachlor Epoxide	**NS**	**NS**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
Methoxychlor	**NS**	**NS**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
P,P'-DDD	**0.0033**	**13**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
P,P'-DDE	**0.0033**	**8.9**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
P,P'-DDT	**0.0033**	**7.9**	0.0078 U	0.0071 U	0.0077 U	0.0073 U
Toxaphene	**NS**	**NS**	0.078 U	0.071 U	0.077 U	0.073 U

Table 5
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Analytical Results of Pesticides

		AKRF Sample ID	820_SB-06_0-2_20210324	820_SB-06_6-8_20210324	820_SB-07_0-2_20210324	820_SB-07_5-7_20210324
		Laboratory Sample ID	460-230663-5	460-230663-6	460-230663-7	460-230663-8
		Date Sampled	3/24/2021	3/24/2021	3/24/2021	3/24/2021
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	1	1
Compound	**NYSDEC UUSCO**	**NYSDEC RRSCO**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
Aldrin	**0.005**	**0.097**	0.0074 U	0.0071 U	0.007 U	0.0078 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	**0.02**	**0.48**	0.0022 U	0.0021 U	0.0021 U	0.0023 U
Alpha Endosulfan	**NS**	**NS**	0.0074 U	0.0071 U	0.007 U	0.0078 U
Beta Bhc (Beta Hexachlorocyclohexane)	**0.036**	**0.36**	0.0022 U	0.0021 U	0.0021 U	0.0023 U
Beta Endosulfan	**NS**	**NS**	0.0074 U	0.0071 U	0.007 U	0.0078 U
cis-Chlordane	**0.094**	**4.2**	0.0074 U	0.0071 U	0.007 U	0.0078 U
Delta BHC (Delta Hexachlorocyclohexane)	**0.04**	**100**	0.0022 U	0.0021 U	0.0021 U	0.0023 U
Dieldrin	**0.005**	**0.2**	0.0022 U	0.0021 U	0.0021 U	0.0023 U
Endosulfan Sulfate	**NS**	**NS**	0.0074 U	0.0071 U	0.007 U	0.0078 U
Endosulfans ABS	**2.4**	**24**	0 U	0 U	0 U	0 U
Endrin	**0.014**	**11**	0.0074 U	0.0071 U	0.007 U	0.0078 U
Endrin Aldehyde	**NS**	**NS**	0.0074 U	0.0071 U	0.007 U	0.0078 U
Endrin Ketone	**NS**	**NS**	0.0074 U	0.0071 U	0.007 U	0.0078 U
Gamma Bhc (Lindane)	**0.1**	**1.3**	0.0022 U	0.0021 U	0.0021 U	0.0023 U
Heptachlor	**0.042**	**2.1**	0.0074 U	0.0071 U	0.007 U	0.0078 U
Heptachlor Epoxide	**NS**	**NS**	0.0074 U	0.0071 U	0.007 U	0.0078 U
Methoxychlor	**NS**	**NS**	0.0074 U	0.0071 U	0.007 U	0.0078 U
P,P'-DDD	**0.0033**	**13**	0.0074 U	0.0071 U	0.007 U	0.0078 U
P,P'-DDE	**0.0033**	**8.9**	0.0074 U	0.0071 U	0.007 U	0.0078 U
P,P'-DDT	**0.0033**	**7.9**	0.0074 U	0.0071 U	0.007 U	0.0078 U
Toxaphene	**NS**	**NS**	0.074 U	0.071 U	0.07 U	0.078 U

Table 6
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Vapor Analytical Results of VOCs

Sample ID	820_SV-01_20210323	820_SV-01_20210323	820_SV-02_20210323	820_SV-02_20210323	820_SV-03_20210323	820_SV-03_20210323
Lab Sample ID	200-57783-1	200-57783-1	200-57783-2	200-57783-2	200-57783-3	200-57783-3
Date Sampled	3/23/2021	3/23/2021	3/23/2021	3/23/2021	3/23/2021	3/23/2021
Unit	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Dilution Factor	100000	800000	300000	1500000	300000	6000000
Compound	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**	**CONC Q**
1,1,1-Trichloroethane	110,000 U	NR	330,000 U	NR	330,000 U	NR
1,1,2,2-Tetrachloroethane	140,000 U	NR	410,000 U	NR	410,000 U	NR
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	150,000 U	NR	460,000 U	NR	460,000 U	NR
1,1,2-Trichloroethane	110,000 U	NR	330,000 U	NR	330,000 U	NR
1,1-Dichloroethane	81,000 U	NR	240,000 U	NR	240,000 U	NR
1,1-Dichloroethene	20,000 U	NR	60,000 U	NR	60,000 U	NR
1,2,4-Trichlorobenzene	370,000 U	NR	1,100,000 U	NR	1,100,000 U	NR
1,2,4-Trimethylbenzene	98,000 U	NR	290,000 U	NR	290,000 U	NR
1,2-Dibromoethane (Ethylene Dibromide)	150,000 U	NR	460,000 U	NR	460,000 U	NR
1,2-Dichlorobenzene	120,000 U	NR	360,000 U	NR	360,000 U	NR
1,2-Dichloroethane	81,000 U	NR	240,000 U	NR	240,000 U	NR
1,2-Dichloropropane	92,000 U	NR	280,000 U	NR	280,000 U	NR
1,2-Dichlorotetrafluoroethane	140,000 U	NR	420,000 U	NR	420,000 U	NR
1,3,5-Trimethylbenzene (Mesitylene)	98,000 U	NR	290,000 U	NR	290,000 U	NR
1,3-Butadiene	44,000 U	NR	130,000 U	NR	130,000 U	NR
1,3-Dichlorobenzene	120,000 U	NR	360,000 U	NR	360,000 U	NR
1,4-Dichlorobenzene	120,000 U	NR	360,000 U	NR	360,000 U	NR
2,2,4-Trimethylpentane	2,000,000	NR	17,000,000	NR	18,000,000	NR
2-Chlorotoluene	100,000 U	NR	310,000 U	NR	310,000 U	NR
2-Hexanone	200,000 U	NR	610,000 U	NR	610,000 U	NR
4-Ethyltoluene	98,000 U	NR	290,000 U	NR	290,000 U	NR
Acetone	1,200,000 U	NR	3,600,000 U	NR	3,600,000 U	NR
Allyl Chloride (3-Chloropropene)	160,000 U	NR	470,000 U	NR	470,000 U	NR
Benzene	64,000 U	NR	87,000 J	NR	1,500,000	NR
Benzyl Chloride	100,000 U	NR	310,000 U	NR	310,000 U	NR
Bromodichloromethane	130,000 U	NR	400,000 U	NR	400,000 U	NR
Bromoform	210,000 UT	NR	620,000 UT	NR	620,000 UT	NR
Bromomethane	78,000 U	NR	230,000 U	NR	230,000 U	NR
Butane	NR	52,000,000 D	NR	87,000,000 D	NR	360,000,000 D
Carbon Disulfide	160,000 U	NR	470,000 U	NR	470,000 U	NR
Carbon Tetrachloride	22,000 U	NR	66,000 U	NR	66,000 U	NR
Chlorobenzene	92,000 U	NR	280,000 U	NR	280,000 U	NR
Chlorodifluoromethane	180,000 U	NR	530,000 U	NR	530,000 U	NR
Chloroethane	130,000 U	NR	400,000 U	NR	400,000 U	NR
Chloroform	160,000	NR	290,000 U	NR	290,000 U	NR
Chloromethane	100,000 U	NR	310,000 U	NR	310,000 U	NR
Cis-1,2-Dichloroethylene	20,000 U	NR	60,000 U	NR	60,000 U	NR
Cis-1,3-Dichloropropene	91,000 U	NR	270,000 U	NR	270,000 U	NR
Cyclohexane	1,000,000	NR	2,200,000	NR	4,900,000	NR
Cymene	110,000 U	NR	330,000 U	NR	330,000 U	NR
Dibromochloromethane	170,000 U	NR	510,000 U	NR	510,000 U	NR
Dichlorodifluoromethane	250,000 U	NR	740,000 U	NR	740,000 U	NR
Ethylbenzene	87,000 U	NR	260,000 U	NR	260,000 U	NR
Hexachlorobutadiene	210,000 U	NR	640,000 U	NR	640,000 U	NR
Isopropanol	1,200,000 U	NR	3,700,000 U	NR	3,700,000 U	NR
Isopropylbenzene (Cumene)	98,000 U	NR	290,000 U	NR	290,000 U	NR
M,P-Xylenes	220,000 U	NR	650,000 U	NR	650,000 U	NR
Methyl Ethyl Ketone (2-Butanone)	150,000 U	NR	440,000 U	NR	440,000 U	NR
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	200,000 U	NR	610,000 U	NR	610,000 U	NR
Methyl Methacrylate	200,000 U	NR	610,000 U	NR	610,000 U	NR
Methylene Chloride	170,000 U	NR	520,000 U	NR	520,000 U	NR
Naphthalene	260,000 U	NR	790,000 U	NR	790,000 U	NR
N-Butylbenzene	110,000 U	NR	330,000 U	NR	330,000 U	NR
N-Heptane	82,000 U	NR	3,200,000	NR	4,400,000	NR
N-Hexane	530,000	NR	15,000,000	NR	31,000,000	NR
N-Propylbenzene	98,000 U	NR	290,000 U	NR	290,000 U	NR
O-Xylene (1,2-Dimethylbenzene)	87,000 U	NR	260,000 U	NR	260,000 U	NR
Sec-Butylbenzene	110,000 U	NR	330,000 U	NR	330,000 U	NR
Styrene	85,000 U	NR	260,000 U	NR	260,000 U	NR
T-Butylbenzene	110,000 U	NR	330,000 U	NR	330,000 U	NR
Tert-Butyl Alcohol	1,500,000 U	NR	4,500,000 U	NR	4,500,000 U	NR
Tert-Butyl Methyl Ether	72,000 U	NR	220,000 U	NR	220,000 U	NR
Tetrachloroethylene (PCE)	140,000 U	NR	410,000 U	NR	410,000 U	NR
Tetrahydrofuran	1,500,000 U	NR	4,400,000 U	NR	4,400,000 U	NR
Toluene	75,000 U	NR	140,000 J	NR	1,200,000	NR
Trans-1,2-Dichloroethene	79,000 U	NR	240,000 U	NR	240,000 U	NR
Trans-1,3-Dichloropropene	91,000 U	NR	270,000 U	NR	270,000 U	NR
Trichloroethylene (TCE)	20,000 U	NR	60,000 U	NR	60,000 U	NR
Trichlorofluoromethane	110,000 U	NR	340,000 U	NR	340,000 U	NR
Vinyl Bromide	87,000 U	NR	260,000 U	NR	260,000 U	NR
Vinyl Chloride	20,000 U	NR	60,000 U	NR	60,000 U	NR

Table 6
820 East 182nd Street
Bronx, NY
Phase II ESA
Soil Vapor Analytical Results of VOCs

Sample ID	820_SV-04_20210323	820_SV-04_20210323
Lab Sample ID	200-57783-4	200-57783-4
Date Sampled	3/23/2021	3/23/2021
Unit	µg/m^3	µg/m^3
Dilution Factor	1	20
Compound	**CONC Q**	**CONC Q**
1,1,1-Trichloroethane	2.1	NR
1,1,2,2-Tetrachloroethane	1.4 U	NR
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	1.5 U	NR
1,1,2-Trichloroethane	1.1 U	NR
1,1-Dichloroethane	0.81 U	NR
1,1-Dichloroethene	0.2 U	NR
1,2,4-Trichlorobenzene	3.7 U	NR
1,2,4-Trimethylbenzene	5.8	NR
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	NR
1,2-Dichlorobenzene	1.2 U	NR
1,2-Dichloroethane	0.81 U	NR
1,2-Dichloropropane	0.92 U	NR
1,2-Dichlorotetrafluoroethane	1.4 U	NR
1,3,5-Trimethylbenzene (Mesitylene)	1.5	NR
1,3-Butadiene	0.44 U	NR
1,3-Dichlorobenzene	1.3	NR
1,4-Dichlorobenzene	1.2 U	NR
2,2,4-Trimethylpentane	36	NR
2-Chlorotoluene	1 U	NR
2-Hexanone	2 U	NR
4-Ethyltoluene	1.7	NR
Acetone	NR	260 D
Allyl Chloride (3-Chloropropene)	1.6 U	NR
Benzene	4.1	NR
Benzyl Chloride	1 U	NR
Bromodichloromethane	1.3 U	NR
Bromoform	2.1 UT	NR
Bromomethane	0.78 U	NR
Butane	NR	790 D
Carbon Disulfide	0.52 J	NR
Carbon Tetrachloride	0.17 J	NR
Chlorobenzene	0.92 U	NR
Chlorodifluoromethane	1.7 J	NR
Chloroethane	1.3 U	NR
Chloroform	2	NR
Chloromethane	1 U	NR
Cis-1,2-Dichloroethylene	0.2 U	NR
Cis-1,3-Dichloropropene	0.91 U	NR
Cyclohexane	10	NR
Cymene	0.81 J	NR
Dibromochloromethane	1.7 U	NR
Dichlorodifluoromethane	2.7	NR
Ethylbenzene	18	NR
Hexachlorobutadiene	2.1 U	NR
Isopropanol	16	NR
Isopropylbenzene (Cumene)	0.82 J	NR
M,P-Xylenes	76	NR
Methyl Ethyl Ketone (2-Butanone)	10	NR
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2 U	NR
Methyl Methacrylate	2 U	NR
Methylene Chloride	1.7 U	NR
Naphthalene	2.6 U	NR
N-Butylbenzene	1.1 U	NR
N-Heptane	12	NR
N-Hexane	62	NR
N-Propylbenzene	1.3	NR
O-Xylene (1,2-Dimethylbenzene)	24	NR
Sec-Butylbenzene	1.1 U	NR
Styrene	0.85 U	NR
T-Butylbenzene	1.1 U	NR
Tert-Butyl Alcohol	5.2 J	NR
Tert-Butyl Methyl Ether	0.72 U	NR
Tetrachloroethylene (PCE)	58	NR
Tetrahydrofuran	15 U	NR
Toluene	15	NR
Trans-1,2-Dichloroethene	0.79 U	NR
Trans-1,3-Dichloropropene	0.91 U	NR
Trichloroethylene (TCE)	0.2 U	NR
Trichlorofluoromethane	1.7	NR
Vinyl Bromide	0.87 U	NR
Vinyl Chloride	0.2 U	NR

Tables 1-6
820 East 182nd Street
Bronx, NY
Phase II ESA
Notes

DEFINITIONS

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

J : The concentration given is an estimated value.

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

µg/L : micrograms per liter

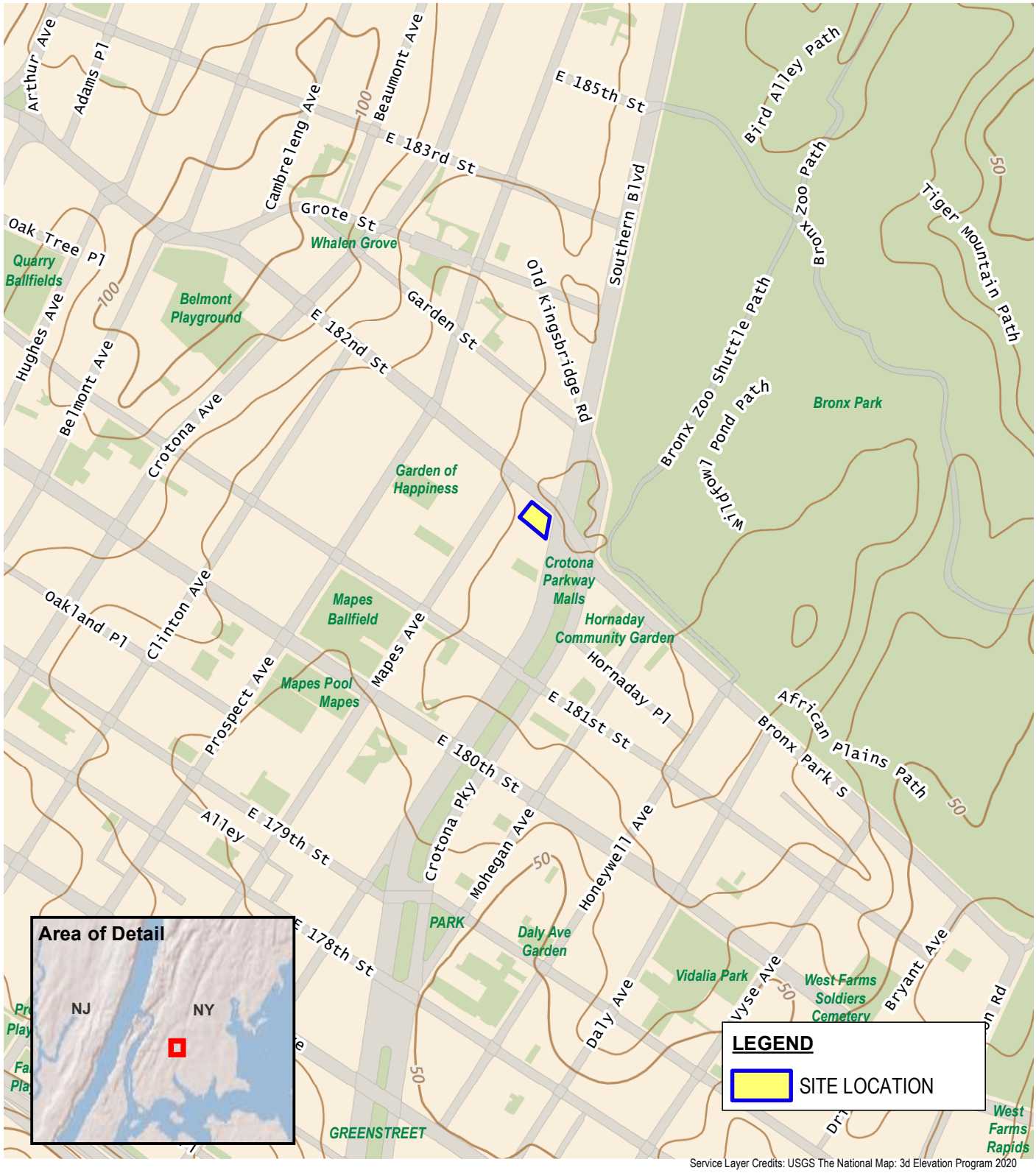
µg/m^3 : micrograms per cubic meter of air

STANDARDS

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations [6 New York Codes, Rules and Regulations (NYCRR) Part 375].

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

Exceedances of Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs) are highlighted in gray shading.
Exceedances of Part 375 Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) are highlighted with an underline.



AKRF

440 Park Avenue South, New York, NY 10016

820 East 182nd Street

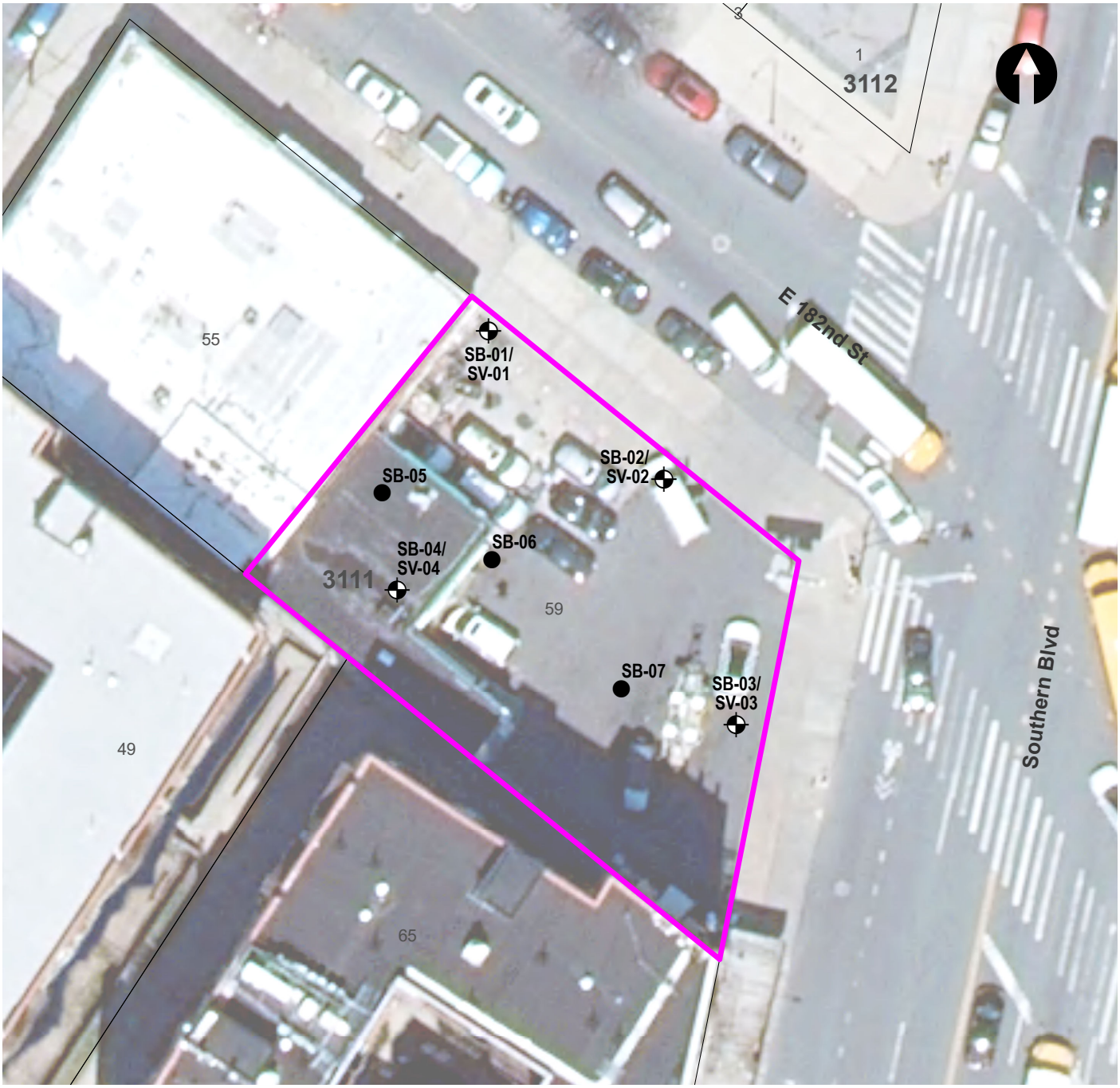
Bronx, New York

SITE LOCATION

DATE
4/8/2021

PROJECT NO.
200192

FIGURE
1



LEGEND

- PROJECT SITE BOUNDARY
- 59 — LOT BOUNDARY AND TAX LOT NUMBER
- 3111 — BLOCK NUMBER
- SOIL BORING LOCATION
- SOIL BORING/SOIL VAPOR POINT LOCATION

0 30 60

SCALE IN FEET

Aerial Source:
2018 New York State ITS GIS Orthoimagery

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

AKRF
440 Park Avenue South, New York, NY 10016

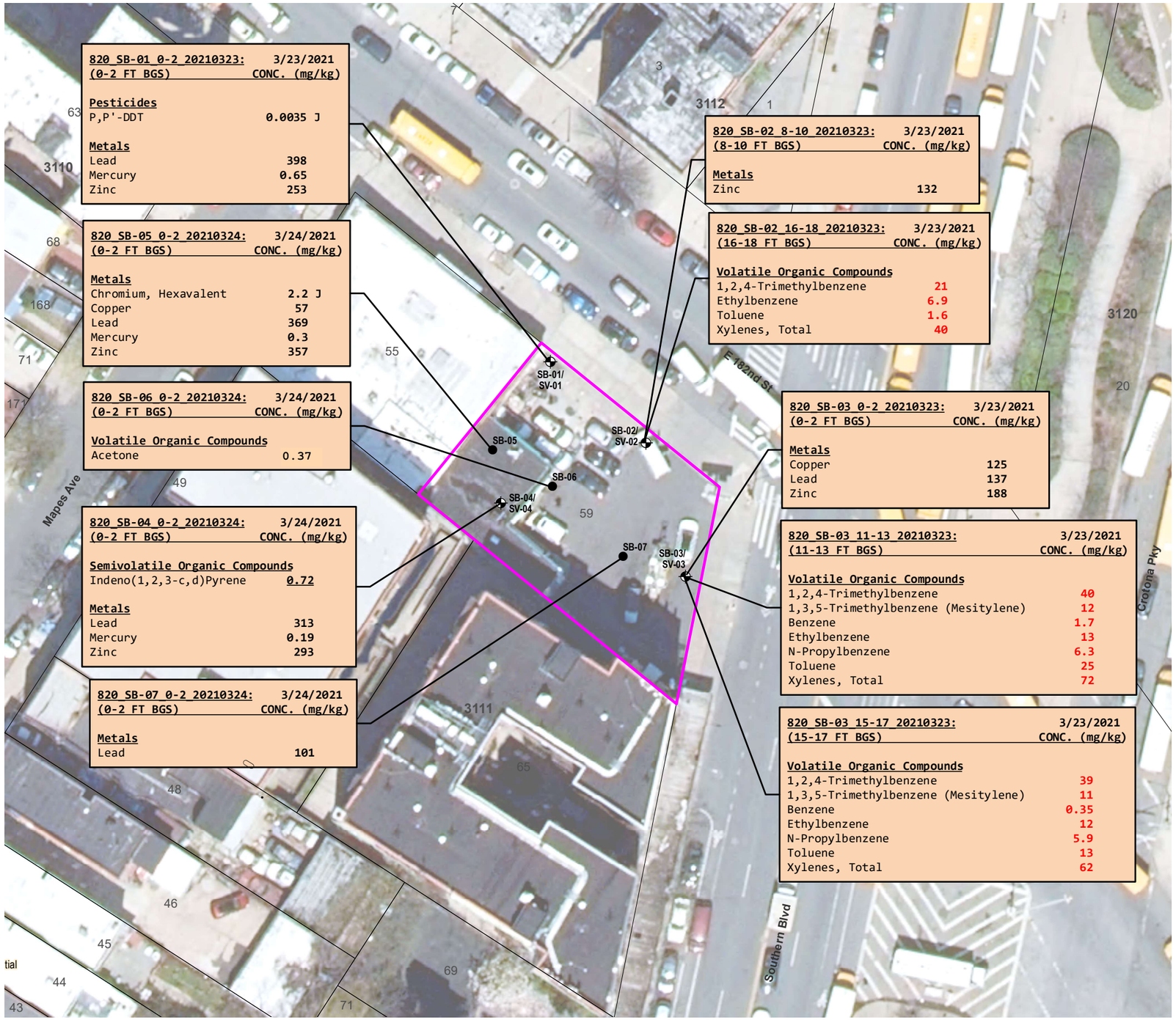
820 East 182nd Street
Bronx, New York

SAMPLE LOCATION PLAN

DATE
4/9/2021

PROJECT NO.
200192

FIGURE
2



Aerial Source:
2018 New York State ITS GIS Orthoimagery

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

LEGEND

- PROJECT SITE BOUNDARY
- 59 — LOT BOUNDARY AND TAX LOT NUMBER
- 3111 — BLOCK NUMBER
- SOIL BORING LOCATION
- SOIL BORING/SOIL VAPOR POINT LOCATION

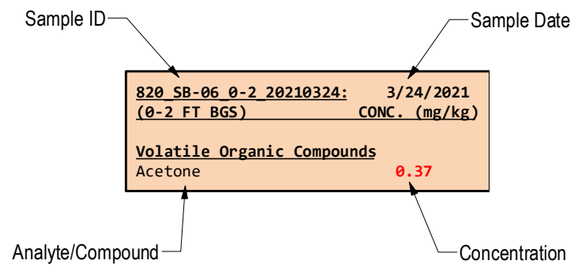
Part 375 Soil Cleanup Objectives (SCOs): SCOs listed in the New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations (6 NYCRR Part 375).

Exceedances of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) are presented in bold font.
Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in underline.
VOC exceedances of NYSDEC Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) are presented in red.

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

J: The concentration given is an estimated value.

	Part 375 UUSCOs	Part 375 RRSCOs	Part 375 PGWSCOs
Volatile Organic Compounds (VOCs)	**mg/kg**	**mg/kg**	**mg/kg**
1,2,4-Trimethylbenzene	3.6	52	3.6
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	8.4
Acetone	0.05	100	0.05
Benzene	0.06	4.8	0.06
Ethylbenzene	1	41	1
N-Propylbenzene	3.9	100	3.9
Toluene	0.7	100	0.7
Xylenes, Total	0.26	100	1.6
Semivolatile Organic Compounds (SVOCs)	**mg/kg**	**mg/kg**	**mg/kg**
Indeno(1,2,3-c,d)pyrene	0.5	0.5	
Pesticides	**mg/kg**	**mg/kg**	**mg/kg**
P,P'-DDT	0.0033	7.9	
Metals	**mg/kg**	**mg/kg**	**mg/kg**
Chromium, Hexavalent	1	110	
Copper	50	270	
Lead	63	400	
Mercury	0.18	0.81	
Zinc	109	10,000	



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SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

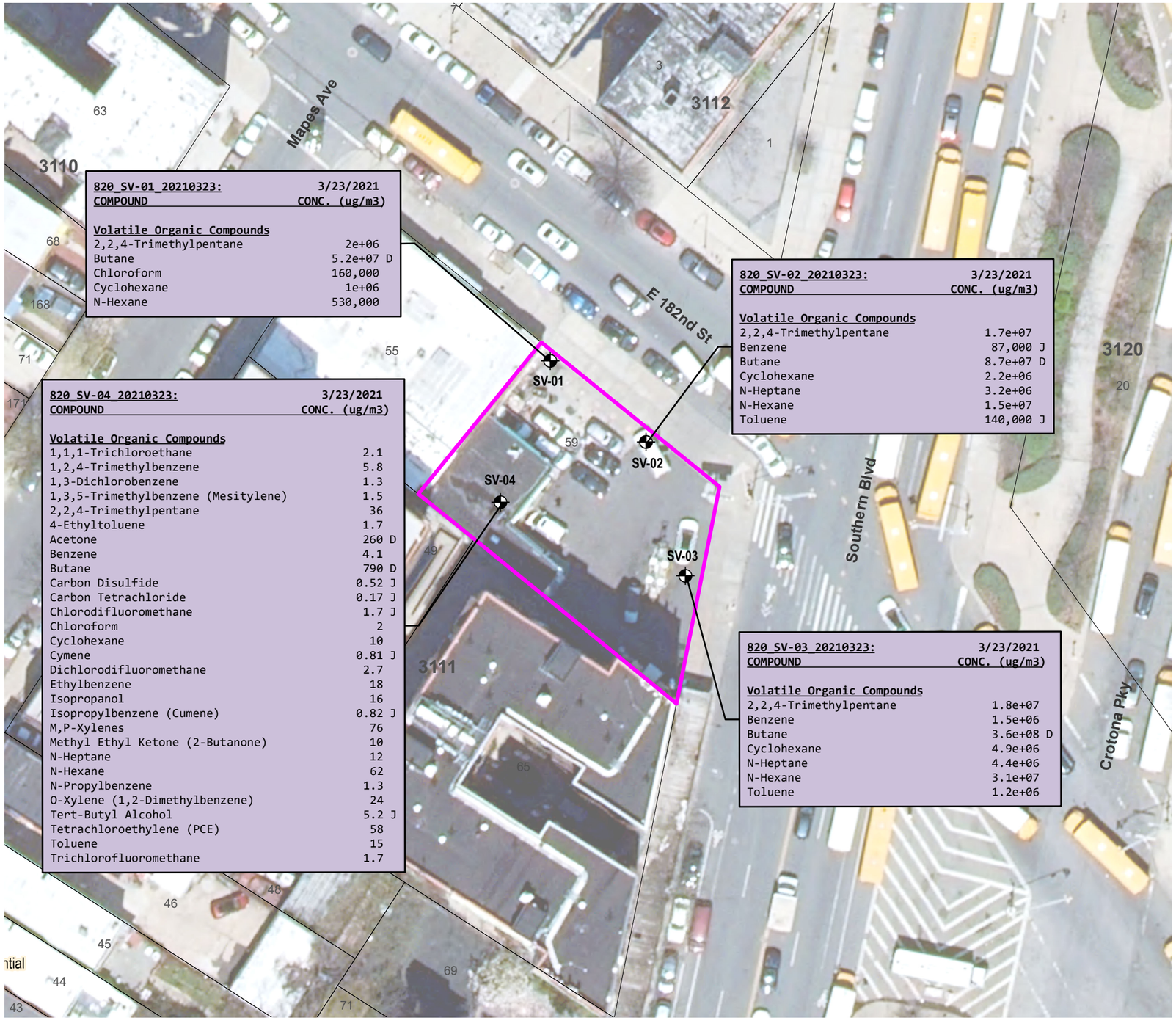
820 East 182nd Street
Bronx, New York

SOIL SAMPLE CONCENTRATIONS ABOVE NYSDEC UUSCOS, RRSCOS, AND PGWSCOS

DATE
4/14/2021

PROJECT NO.
200192

FIGURE
3



820_SV-01_20210323: 3/23/2021

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
2,2,4-Trimethylpentane	2e+06
Butane	5.2e+07 D
Chloroform	160,000
Cyclohexane	1e+06
N-Hexane	530,000

820_SV-02_20210323: 3/23/2021

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
2,2,4-Trimethylpentane	1.7e+07
Benzene	87,000 J
Butane	8.7e+07 D
Cyclohexane	2.2e+06
N-Heptane	3.2e+06
N-Hexane	1.5e+07
Toluene	140,000 J

820_SV-03_20210323: 3/23/2021

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
2,2,4-Trimethylpentane	1.8e+07
Benzene	1.5e+06
Butane	3.6e+08 D
Cyclohexane	4.9e+06
N-Heptane	4.4e+06
N-Hexane	3.1e+07
Toluene	1.2e+06

820_SV-04_20210323: 3/23/2021

COMPOUND	CONC. (ug/m3)
Volatile Organic Compounds	
1,1,1-Trichloroethane	2.1
1,2,4-Trimethylbenzene	5.8
1,3-Dichlorobenzene	1.3
1,3,5-Trimethylbenzene (Mesitylene)	1.5
2,2,4-Trimethylpentane	36
4-Ethyltoluene	1.7
Acetone	260 D
Benzene	4.1
Butane	790 D
Carbon Disulfide	0.52 J
Carbon Tetrachloride	0.17 J
Chlorodifluoromethane	1.7 J
Chloroform	2
Cyclohexane	10
Cymene	0.81 J
Dichlorodifluoromethane	2.7
Ethylbenzene	18
Isopropanol	16
Isopropylbenzene (Cumene)	0.82 J
M,P-Xylenes	76
Methyl Ethyl Ketone (2-Butanone)	10
N-Heptane	12
N-Hexane	62
N-Propylbenzene	1.3
O-Xylene (1,2-Dimethylbenzene)	24
Tert-Butyl Alcohol	5.2 J
Tetrachloroethylene (PCE)	58
Toluene	15
Trichlorofluoromethane	1.7

Aerial Source:
2018 New York State ITS GIS Orthoimagery

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

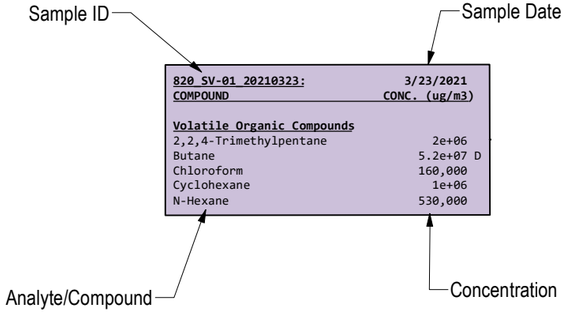
LEGEND

- PROJECT SITE BOUNDARY
- 59 — LOT BOUNDARY AND TAX LOT NUMBER
- 3111 — BLOCK NUMBER
- SOIL VAPOR POINT LOCATION

µg/m³- micrograms per cubic meter

D: Analyte concentration obtained from dilution.

J: The concentration given is an estimated value.



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SOIL VAPOR SAMPLE DETECTIONS

DATE
4/9/2021

PROJECT NO.
200192

FIGURE
4