

LA CENTRAL PHASE II
BRONX, NEW YORK

Draft Remedial Action Work Plan

BCP Site Number: TBD
AKRF Project Number: 200166

Prepared for:

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On Behalf Of:

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AUGUST 2020

CERTIFICATIONS

I, Rebecca A. Kinal, P.E., certify that I am currently a NYS registered Professional Engineer as defined in 6 NYCRR Part 375 and that this Remedial Action Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10).

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

NYS Professional Engineer #

Date

Signature

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LIST OF ACRONYMS

Acronym	Definition
ADA	Americans with Disabilities Act
AGV	Air Guideline Value
AOC	Area of Concern
ASP	Analytical Services Protocol
ASTM	American Society for Testing and Materials
AST	Aboveground Storage Tank
AWQSGVs	Ambient Water Quality Standards and Guidance Values
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BOA	Brownfield Opportunity Area
BTEX	VOCs associated with petroleum
CAMP	Construction Air Monitoring Plan
CEQR	City Environmental Quality Review
CFC	Chlorofluorocarbon
COC	Contaminants of Concern
CoC	Certificate of Completion
CPP	Citizen Participation Plan
CQAP	Construction Quality Assurance Plan
CVOC	Chlorinated Volatile Organic Compound
CY	Cubic Yards
DD	Decision Document
DER	Division of Environmental Remediation
DMM	Division of Materials Management
DPP	Direct-Push Probe
DUSR	Data Usability Summary Report
EC	Engineering Control
ECL	Environmental Conservation Law
EDD	Electronic Data Deliverable
EE	Environmental Easement
EJ	Environmental Justice
ELAP	NYS Environmental Laboratory Approval Program
EM	Electromagnetic
EPA	United States Environmental Protection Agency
EPH	Extractable Petroleum Hydrocarbon
ESA	Environmental Site Assessment
eV	Electron Volt
FAR	Floor Area Ratio
FER	Final Engineering Report
GPR	Ground Penetrating Radar
GPS	Global Positioning System
HASP	Health and Safety Plan

Acronym	Definition
HAZWOPER	Hazardous Waste Operations and Emergency Response
HHEA	Human Health Exposure Assessment
IC	Institutional Control
IHP	Inclusionary Housing Program
ISCO	In-Situ Chemical Oxidation
LBP	Lead-Based Paint
LIRR	Long Island Railroad
MEK	Methyl Ethyl Ketone
MS	Matrix Spike
MSD	Matrix Spike Duplicate
MTA	Metropolitan Transit Authority
MTBE	Methyl Tert Butyl Ether
NAPL	Non-Aqueous Phase Liquid
NAVD	North American Vertical Datum
ND	Non-Detect
NTU	Nephelometric Turbidity Unit
NYCDCP	New York City Department of City Planning
NYCDEP	New York City Department of Environmental Protection
NYCDOB	New York City Department of Buildings
NYCDOT	New York City Department of Transportation
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation/ Department
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
ORP	Oxidation-Reduction Potential
OSHA	United States Occupational Safety and Health Administration
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethylene
PFAS	Per- and Polyfluoroalkyl Substances
PID	Photoionization Detector
PM	Project Manager
PPE	Personal Protective Equipment
PPM	Parts Per Million
PPT	Parts Per Trillion
PVC	Polyvinyl Chloride
QA	Quality Assurance
QC	Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RA	Remedial Action
RAO	Remedial Action Objective

Acronym	Definition
RAP	Remedial Action Plan
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RE	Remedial Engineer
RECS	Recognized Environmental Conditions
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
RRSCO	Restricted Residential Soil Cleanup Objective
SCG	Standards, Criteria, and Guidance
SCO	Soil Cleanup Objective
SDG	Sample Delivery Group
SMMP	Soil/Materials Management Plan
SMP	Site Management Plan
SOP	Standard Operating Procedure
SPDES	State Pollutant Discharge Elimination System
SRI	Supplemental Remediation Investigation
SRIR	Supplemental Remedial Investigation Report
SSDS	Sub-Slab Depressurization System
SSO	Site Safety Officer
SSSCO	Site-Specific Soil Cleanup Objective
SVOC	Semivolatile Organic Compound
SWPPP	Storm Water Pollution Prevention Plan
TAGM	Technical Administrative Guidance Memorandum
TAL	Target Analyte List
TCE	Trichloroethylene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TICS	Tentatively Identified Compounds
TOGS	Technical Operational and Guidance Series
TPH	Total Petroleum Hydrocarbons
UIR	Underground Injection/Recirculation
UST	Underground Storage Tank
VOC	Volatile Organic Compounds
WCR	Waste Classification Report

EXECUTIVE SUMMARY

Site Description, Physical Setting, and Background

This Remedial Action Work Plan (RAWP) has been prepared by AKRF, Inc. (AKRF) on behalf of La Central Manager II LLC and La Central II Owner LLC (collectively the “Volunteer”) for the La Central Phase II project site, hereafter referred to as the “Site”. The approximately 1.39-acre Site is located in the Woodstock neighborhood of the Bronx, New York and is identified as Tax Block 2361, Lots 26 and 50, and Block 2363, Lot 1 on the New York City (NYC) Tax Map. The Site is also associated with addresses: 625 Brook Avenue (Lot 26), 671 Brook Avenue (Lot 50), and 675 Brook Avenue (Lot 1).

The Site is currently vacant and the surrounding area is developed with primarily residential and commercial uses, with some institutional uses and parkland. A Site Location map is provided as Figure 1 and a Site Plan is provided as Figure 2.

The Volunteer has applied to enter into a Brownfield Cleanup Agreement (BCA) (BCA Index No. XXX) with the New York State Department of Environmental Conservation (NYSDEC or the Department) concurrent with submission of this RAWP. A June 2020 Remedial Investigation Report (RIR) has been prepared based on a May 2020 Remedial Investigation (RI), and is also being submitted for review concurrently with the BCP Application.

Summary of Past Uses

Historic records indicate that the Site was developed with dwellings, unspecified structures, and a curled hair (wig) factory as early as 1891. By 1908, the Site was developed with five provision houses used for the butchering, storage and sales of meat and poultry. By 1935, the Site had been developed with additional provision and packing facilities. In 1976, the Site buildings were demolished and the Site has remained vacant since.

The surrounding area contained numerous industrial, manufacturing, and automotive uses between 1908 and 2007, including a freight yard, automobile repair shops and garages with gasoline tanks, a machine shop and display manufacturer, a jewelry manufacturer, and cold storage. The west-adjacent La Central Phase I site was remediated under the NYSDEC BCP program and has received a Certificate of Completion. Contaminants of concern in soil and groundwater at the site included petroleum and chlorinated VOCs, polycyclic aromatic hydrocarbons (PAHs), PCBs, pesticides, and metals. Petroleum- and solvent-related contaminants were also detected.

Summary of the Remedial Investigation

Soil, groundwater, and soil vapor were investigated as part of a Remedial Investigation (RI) conducted between May 21 and 27, 2020; the findings were documented in a June 2020 RI Report (RIR). Soil/fill sample analytical results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs). Groundwater sample analytical results were compared to NYSDEC Ambient Water Quality Standards and Guidance values (AWQSGVs). Although there are currently no regulatory or published guidance values for volatile organic compounds (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.

Tables 1 and 2 summarize the analytical results for soil and groundwater, respectively. Concentration maps showing compounds detected above applicable standards for soil and groundwater are shown on Figures 3A through 3C and 4, respectively. Concentration maps showing the detected soil vapor compounds are provided as Figures 5A through 5C. Complete analytical results for soil, groundwater, and soil vapor data collected during the RI are presented in Tables 5 through 19. Below is a summary of the findings of the RI:

Soil

The volatile organic compound (VOC) acetone was detected in two soil samples at concentrations above its UUSCO but below the RRSCO. Fifteen polycyclic aromatic hydrocarbons (PAHs) [acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, dibenzofuran, fluoranthene, fluorine, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, phenol, and pyrene], a class of SVOCs, and metals were detected above UUSCOs and/or RRSCOs in both the shallow and deeper samples. Metals, including barium, copper, lead, mercury, nickel, hexavalent chromium, and zinc, were detected at concentrations above RRSCOs and/or UUSCOs in up to 40 soil samples. Pesticides and polychlorinated biphenyls (PCBs) were detected at concentrations above the UUSCOs but below the RRSCOs in one or more samples. Detected concentrations of PAHs, pesticides, PCBs, and metals in on-site soil appear to be related to historic fill materials (sand, silt, and gravel with varying amounts of brick, concrete, wood, scrap metal, glass, plastic, and rubber), which were observed across the Site, extending from grade to 15 feet below ground surface (bgs).

Soil analytes above UUSCOs and/or RRSCOs are listed in Table 1.

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Acenaphthene	RI-SB-02_7-9_20200522	20	100	24
Acetone	RI-SB-06_0-2_20200521	0.05	100	0.053
	RI-SB-13_11-13_20200526			0.059
Benzo(a)anthracene	RI-SB-01_0-2_20200522	1	1	2.6
	RI-SB-02_7-9_20200522			120
	RI-SB-03_8-10_20200522			8.7
	RI-SB-04_0-2_20200521			2.8
	RI-SB-05_0-2_20200522			1.4
	RI-SB-05_6-8_20200522			6.1
	RI-SB-07_8-10_20200521			7.6
	RI-SB-08_0-2_20200526			4
	RI-SB-08_11-13_20200526			4.2
	RI-SB-09_0-2_20200526			5.1
	RI-SB-09_7-9_20200526			1.8
	RI-SB-09_11-13_20200526			1.5
	RI-SB-10_0-2_20200526			4.3
	RI-SB-10_7-9_20200526			8.8
	RI-SB-11_0-2_20200526			3.7
	RI-SB-13_0-2_20200526			14
	RI-SB-13_11-13_20200526			4.6
RI-SB-14_0-2_20200526	5			
RI-SB-14_9-11_20200526	9.6			

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Benzo(a)anthracene	RI-DUP-02_20200522			5.7
	RI-SB-15_0-2_20200522			6.5
	RI-SB-15_11-13_20200522			1.8
	RI-SB-16_7-9_20200522			9.7
	RI-SB-17_7-9_20200521			1.2
	RI-SB-18_8-10_20200521			2.5
	RI-SB-18_11-13_20200521			19
	RI-SB-19_0-2_20200526			36
	RI-DUP-03_20200526			4.3 J
	RI-SB-19_11-13_20200526			1.1 JL
	RI-SB-20_0-2_20200526			18
	RI-SB-20_11-13_20200526			5.2
Benzo(a)pyrene	RI-SB-01_0-2_20200522			2.7
	RI-SB-02_7-9_20200522			95
	RI-SB-03_8-10_20200522			8.4
	RI-SB-04_0-2_20200521			2.7
	RI-SB-05_0-2_20200522			1.4
	RI-SB-05_6-8_20200522			5.6
	RI-SB-07_8-10_20200521			7
	RI-SB-08_0-2_20200526			4.5
	RI-SB-08_11-13_20200526			4
	RI-SB-09_0-2_20200526			4.7
	RI-SB-09_7-9_20200526			1.7
	RI-SB-09_11-13_20200526			1.6
	RI-SB-10_0-2_20200526	1	1	4.7
	RI-SB-10_7-9_20200526			8.3
	RI-SB-11_0-2_20200526			3.8
	RI-SB-13_0-2_20200526			15
	RI-SB-13_11-13_20200526			4.5
	RI-SB-14_0-2_20200526			5.3
	RI-SB-14_9-11_20200526			8.5
	RI-DUP-02_20200522			5.2
	RI-SB-15_0-2_20200522			6
RI-SB-15_11-13_20200522			1.6	
RI-SB-16_7-9_20200522			7.4	
RI-SB-17_0-2_20200521			1.1	
RI-SB-17_7-9_20200521			1.5	

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Benzo(a)pyrene	RI-SB-18_8-10_20200521			2.9
	RI-SB-18_11-13_20200521			20
	RI-SB-19_0-2_20200526			34
	RI-DUP-03_20200526			4.5
	RI-SB-20_0-2_20200526			17
	RI-SB-20_11-13_20200526			4.8
Benzo(b)fluoranthene	RI-SB-01_0-2_20200522			3.4
	RI-SB-02_7-9_20200522			120
	RI-SB-03_8-10_20200522			12
	RI-SB-04_0-2_20200521			3.5
	RI-SB-05_0-2_20200522			1.9
	RI-SB-05_6-8_20200522			7.6
	RI-SB-07_0-2_20200521			1.1
	RI-SB-07_8-10_20200521			9.2
	RI-SB-08_0-2_20200526			5.7
	RI-SB-08_11-13_20200526			5.3
	RI-SB-09_0-2_20200526			6.2
	RI-SB-09_7-9_20200526			2.4
	RI-SB-09_11-13_20200526			2.4
	RI-SB-10_0-2_20200526			5.4
	RI-SB-10_7-9_20200526			10
	RI-SB-11_0-2_20200526			4.9
	RI-SB-13_0-2_20200526	1	1	17
	RI-SB-13_11-13_20200526			5.3
	RI-SB-14_0-2_20200526			6.4
	RI-SB-14_9-11_20200526			11
	RI-DUP-02_20200522			6.7
	RI-SB-15_0-2_20200522			7.6
	RI-SB-15_11-13_20200522			2.2
	RI-SB-16_7-9_20200522			8.6
	RI-SB-17_0-2_20200521			1.5
	RI-SB-17_7-9_20200521			1.9
	RI-SB-18_8-10_20200521			3.9
	RI-SB-18_11-13_20200521			24
	RI-SB-19_0-2_20200526			41
	RI-DUP-03_20200526			6.5 J
RI-SB-19_11-13_20200526			1.1 JL	
RI-SB-20_0-2_20200526			21	
RI-SB-20_11-13_20200526			6.7	

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Benzo(k)fluoranthene	RI-SB-01_0-2_20200522	0.8	3.9	1.1
	RI-SB-02_7-9_20200522			46
	RI-SB-03_8-10_20200522			3.7
	RI-SB-04_0-2_20200521			1.4
	RI-SB-05_6-8_20200522			2.7
	RI-SB-07_8-10_20200521			3.6
	RI-SB-08_0-2_20200526			2.1
	RI-SB-08_11-13_20200526			2.5
	RI-SB-09_0-2_20200526			2.1
	RI-SB-09_7-9_20200526			1
	RI-SB-09_11-13_20200526			0.95
	RI-SB-10_0-2_20200526			2.2
	RI-SB-10_7-9_20200526			4
	RI-SB-11_0-2_20200526			2
	RI-SB-13_0-2_20200526			5.4
	RI-SB-13_11-13_20200526			2.3
	RI-SB-14_0-2_20200526			2.4
	RI-SB-14_9-11_20200526			4.1
	RI-DUP-02_20200522			2.5
	RI-SB-15_0-2_20200522			3.1
	RI-SB-15_11-13_20200522			0.85
	RI-SB-16_7-9_20200522			2.1
	RI-SB-18_8-10_20200521			1.6
	RI-SB-18_11-13_20200521			11
	RI-SB-19_0-2_20200526			27
	RI-DUP-03_20200526			1.7 J
RI-SB-20_0-2_20200526	8.5			
RI-SB-20_11-13_20200526	2.7			

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Chrysene	RI-SB-01_0-2_20200522	1	3.9	2.4
	RI-SB-02_7-9_20200522			100
	RI-SB-03_8-10_20200522			7.7
	RI-SB-04_0-2_20200521			2.9
	RI-SB-05_0-2_20200522			1.2
	RI-SB-05_6-8_20200522			5.1
	RI-SB-07_8-10_20200521			7
	RI-SB-08_0-2_20200526			3.8
	RI-SB-08_11-13_20200526			4
	RI-SB-09_0-2_20200526			4.5
	RI-SB-09_7-9_20200526			1.8
	RI-SB-09_11-13_20200526			1.5
	RI-SB-10_0-2_20200526			4
	RI-SB-10_7-9_20200526			7.5
	RI-SB-11_0-2_20200526			3.7
	RI-SB-13_0-2_20200526			12
	RI-SB-13_11-13_20200526			3.9
	RI-SB-14_0-2_20200526			5.2
	RI-SB-14_9-11_20200526			8.2
	RI-DUP-02_20200522			5.8
	RI-SB-15_0-2_20200522			6.5
	RI-SB-15_11-13_20200522			1.6
	RI-SB-16_7-9_20200522			11
	RI-SB-17_0-2_20200521			1.1
	RI-SB-17_7-9_20200521			1.3
	RI-SB-18_8-10_20200521			2.2
	RI-SB-18_11-13_20200521			17
	RI-SB-19_0-2_20200526			34
	RI-DUP-03_20200526			4.2 J
	RI-SB-20_0-2_20200526			17
RI-SB-20_11-13_20200526	4.7			

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Dibenzo(a,h)anthracene	RI-SB-02_7-9_20200522	0.33	0.33	12
	RI-SB-03_8-10_20200522			0.89
	RI-SB-04_0-2_20200521			0.45
	RI-SB-05_6-8_20200522			0.68
	RI-SB-07_8-10_20200521			0.76
	RI-SB-08_0-2_20200526			0.46
	RI-SB-08_11-13_20200526			0.4
	RI-SB-09_0-2_20200526			0.54
	RI-SB-10_7-9_20200526			0.99
	RI-SB-11_0-2_20200526			0.45
	RI-SB-13_0-2_20200526			1.6
	RI-SB-13_11-13_20200526			0.5
	RI-SB-14_0-2_20200526			0.54
	RI-SB-14_9-11_20200526			1
	RI-DUP-02_20200522			0.77
	RI-SB-15_0-2_20200522			0.9
	RI-SB-16_7-9_20200522			0.77
	RI-SB-18_8-10_20200521			0.35
	RI-SB-18_11-13_20200521			1.6
	RI-SB-19_0-2_20200526			3.4
RI-DUP-03_20200526	0.42 J			
RI-SB-20_0-2_20200526	1.8			
RI-SB-20_11-13_20200526	0.48			
Dibenzofuran	RI-SB-02_7-9_20200522	7	59	23
Fluoranthene	RI-SB-02_7-9_20200522	100	100	240
Fluorene	RI-SB-02_7-9_20200522	30	100	40
Indeno(1,2,3-cd)pyrene	RI-SB-01_0-2_20200522	0.5	0.5	1.2
	RI-SB-02_7-9_20200522			37
	RI-SB-03_8-10_20200522			3.3
	RI-SB-04_0-2_20200521			1.6
	RI-SB-05_0-2_20200522			0.72
	RI-SB-05_6-8_20200522			2.3
	RI-SB-07_8-10_20200521			4.2
	RI-SB-08_0-2_20200526			1.7
	RI-SB-08_11-13_20200526			1.4
	RI-SB-09_0-2_20200526			1.9
	RI-SB-09_7-9_20200526			0.58
	RI-SB-09_11-13_20200526			1.6
RI-SB-10_0-2_20200526	3.3			

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Indeno(1,2,3-cd)pyrene	RI-SB-10_7-9_20200526			3.4
	RI-SB-11_0-2_20200526			1.5
	RI-SB-13_0-2_20200526			5.7
	RI-SB-13_11-13_20200526			1.7
	RI-SB-14_0-2_20200526			2.4
	RI-SB-14_9-11_20200526			3.3
	RI-DUP-02_20200522			2.5
	RI-SB-15_0-2_20200522			3
	RI-SB-15_11-13_20200522			0.61
	RI-SB-16_7-9_20200522			2.1
	RI-SB-17_0-2_20200521			0.73
	RI-SB-17_7-9_20200521			1.1
	RI-SB-18_8-10_20200521			1.5
	RI-SB-18_11-13_20200521			11
	RI-SB-19_0-2_20200526			14
	RI-DUP-03_20200526			1.7 J
	RI-SB-19_11-13_20200526			0.54 JL
	RI-SB-20_0-2_20200526			6.2
RI-SB-20_11-13_20200526			1.8	
Naphthalene	RI-SB-02_7-9_20200522	12	100	24
Phenanthrene	RI-SB-02_7-9_20200522	100	100	240
Phenol	RI-SB-16_7-9_20200522	0.33	100	0.57 J
Pyrene	RI-SB-02_7-9_20200522	100	100	210
Dieldrin	RI-SB-05_0-2_20200522			0.0087
	RI-SB-06_0-2_20200521			0.012
	RI-SB-11_0-2_20200526			0.014
	RI-SB-13_0-2_20200526			0.0082
	RI-SB-13_11-13_20200526			0.0058
	RI-SB-14_0-2_20200526	0.005	0.2	0.0092 J
	RI-SB-14_9-11_20200526			0.013 J
	RI-SB-16_0-2_20200522			0.01
	RI-SB-17_0-2_20200521			0.02
	RI-SB-17_7-9_20200521			0.0083
	RI-SB-18_0-2_20200521			0.0065

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
4,4-DDD	RI-SB-02_0-2_20200522	0.033	13	0.02
	RI-SB-04_0-2_20200521			0.027
	RI-SB-13_0-2_20200526			0.0043 JN
	RI-SB-13_11-13_20200526			0.0058 J
	RI-SB-14_0-2_20200526			0.013
	RI-SB-14_9-11_20200526			0.018
	RI-DUP-02_20200522			0.012 J
	RI-SB-17_7-9_20200522			0.024
	RI-SB-18_0-2_20200521			0.0054 J
4,4'-DDE	RI-SB-01_6-8_20200522	0.0033	8.9	0.019
	RI-SB-02_0-2_20200522			0.019
	RI-SB-03_0-2_20200522			0.0088 J
	RI-SB-05_0-2_20200522			0.019
	RI-SB-06_0-2_20200521			0.019
	RI-SB-13_0-2_20200526			0.016
	RI-SB-14_0-2_20200526			0.0095 JN
	RI-DUP-02_20200522			0.2 J
	RI-SB-16_0-2_20200522			0.017
	RI-SB-17_0-2_20200521			0.034
	RI-SB-17_7-9_20200521			0.013
	RI-SB-18_0-2_20200521			0.0096 J
4,4'-DDT	RI-SB-01_6-8_20200522	0.0033	7.9	0.0079
	RI-SB-02_0-2_20200522			0.038
	RI-SB-03_0-2_20200522			0.02
	RI-SB-04_0-2_20200521			0.099
	RI-SB-04_11-13_20200521			0.0092
	RI-SB-05_0-2_20200522			0.075
	RI-SB-05_6-8_20200522			0.025
	RI-SB-06_0-2_20200521			0.064
	RI-SB-07_8-10_20200521			0.042
	RI-SB-08_11-13_20200526			0.017 J
	RI-SB-09_0-2_20200526			0.0064 J
	RI-SB-09_7-9_20200526			0.0053 J
	RI-SB-10_0-2_20200526			0.011
	RI-SB-10_7-9_20200526			0.018
	RI-SB-11_0-2_20200526			0.079 J
	RI-SB-11_11-13_20200526			0.014 J
	RI-SB-12_0-2_20200521			0.0092 J
RI-SB-13_0-2_20200526	0.021			

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
4,4'-DDT	RI-SB-13_11-13_20200526			0.03
	RI-SB-14_0-2_20200526			0.048
	RI-SB-14_9-11_20200526			0.08
	RI-DUP-02_20200522			0.3
	RI-SB-15_0-2_20200522			0.064 JL
	RI-SB-15_11-13_20200522			0.0099
	RI-SB-16_0-2_20200522			0.046
	RI-SB-17_0-2_20200521			0.1
	RI-SB-17_7-9_20200521			0.028
	RI-SB-18_0-2_20200521			0.012
	RI-SB-18_8-10_20200521			0.012
	RI-SB-18_11-13_20200521			0.02 J
	RI-SB-19_0-2_20200526			0.055
	RI-SB-19_11-13_20200526			0.0039 J
	RI-SB-20_0-2_20200526			0.03 JN
	RI-SB-20_11-13_20200526			0.0085
Total PCBs	RI-SB-01_0-2_20200522	0.1	1	0.29
	RI-SB-01_6-8_20200522			0.14
	RI-SB-19_0-2_20200526			0.28
Barium	RI-SB-02_0-2_20200522	350	400	427
	RI-SB-02_7-9_20200522			373
	RI-SB-04_11-13_20200521			1,440
	RI-SB-05_0-2_20200522			1,540
	RI-SB-06_0-2_20200521			756
	RI-DUP-01_20200521			771 J
	RI-SB-07_0-2_20200521			491 J
	RI-SB-11_0-2_20200526			775
	RI-SB-13_0-2_20200526			604
	RI-SB-14_0-2_20200526			1,240
	RI-SB-14_9-11_20200526			881
	RI-SB-15_0-2_20200522			453
	RI-SB-16_0-2_20200522			492
	RI-SB-17_0-2_20200521			1,260
	RI-SB-17_7-9_20200521			640
RI-SB-19_0-2_20200526	454			

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Copper	RI-SB-01_0-2_20200522	50	270	54.5 J
	RI-SB-07_0-2_20200521			261 J
	RI-SB-07_8-10_20200521			57.1
	RI-SB-10_0-2_20200526			50.4
	RI-SB-14_0-2_20200526			75.3
	RI-SB-17_7-9_20200521			555
	RI-SB-19_0-2_20200526			71.9
	RI-SB-19_11-13_20200526			74.2 J
Lead	RI-SB-01_0-2_20200522	63	400	244 J
	RI-SB-02_7-9_20200522			107
	RI-SB-03_0-2_20200522			64.4
	RI-SB-04_11-13_20200521			953
	RI-SB-05_0-2_20200522			233
	RI-SB-05_6-8_20200522			203
	RI-SB-05_11-13_20200522			158
	RI-SB-06_0-2_20200521			121
	RI-DUP-01_20200521			84.6 JL
	RI-SB-07_0-2_20200521			562 J
	RI-SB-07_8-10_20200521			425
	RI-SB-08_0-2_20200526			337 J
	RI-SB-08_11-13_20200526			533
	RI-SB-09_0-2_20200526			335
	RI-SB-09_7-9_20200526			83.5
	RI-SB-09_11-13_20200526			126
	RI-SB-10_0-2_20200526			86.4
	RI-SB-10_7-9_20200526			104
	RI-SB-11_0-2_20200526			251
	RI-SB-12_0-2_20200521			82
	RI-SB-13_0-2_20200526			411
	RI-SB-13_11-13_20200526			162
	RI-SB-14_0-2_20200526			541
	RI-SB-14_9-11_20200526			398
	RI-DUP-02_20200522			322
	RI-SB-15_0-2_20200522			231
RI-SB-16_0-2_20200522	303			
RI-SB-16_7-9_20200522	137			

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Lead	RI-SB-17_0-2_20200521			195
	RI-SB-17_7-9_20200521			618
	RI-SB-18_0-2_20200521			65.6
	RI-SB-18_8-10_20200521			198
	RI-SB-19_0-2_20200526			565
	RI-DUP-03_20200526			401 J
	RI-SB-19_11-13_20200526			189 J
	RI-SB-20_11-13_20200526			216
Mercury	RI-SB-01_0-2_20200522	0.18	0.81	0.53
	RI-SB-02_0-2_20200522			0.33
	RI-SB-02_7-9_20200522			0.36
	RI-SB-03_8-10_20200522			1.8
	RI-SB-05_0-2_20200522			0.35 J
	RI-SB-05_6-8_20200522			0.21
	RI-SB-05_11-13_20200522			0.89
	RI-SB-07_0-2_20200521			0.23 J
	RI-SB-07_8-10_20200521			0.23
	RI-SB-08_0-2_20200526			0.25
	RI-SB-10_7-9_20200526			0.67
	RI-SB-11_0-2_20200526			0.28
	RI-SB-13_0-2_20200526			2.4
	RI-SB-13_11-13_20200526			0.76
	RI-SB-14_0-2_20200526			1.9
	RI-DUP-02_20200522			1.6 J
	RI-SB-15_0-2_20200522			2.6 J
	RI-SB-15_11-13_20200522			0.53
	RI-SB-16_0-2_20200522			1.6
	RI-SB-17_7-9_20200521			1.5
RI-SB-19_0-2_20200526	0.19			
RI-DUP-03_20200526	0.60			
RI-SB-19_11-13_20200526	0.70			
Nickel	RI-SB-07_0-2_20200521	30	310	51.2 J
	RI-DUP-02_20200522			31.5 J
	RI-SB-15_11-13_20200522			57.3
	RI-DUP-03_20200526			93.8 J
	RI-SB-19_11-13_20200526			36.6 J

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Zinc	RI-SB-01_0-2_20200522	109	10,000	230
	RI-SB-02_0-2_20200522			249
	RI-SB-02_7-9_20200522			631
	RI-SB-03_11-13_20200522			132
	RI-SB-04_0-2_20200521			186
	RI-SB-04_11-13_20200521			494
	RI-SB-05_0-2_20200522			912 J
	RI-SB-05_6-8_20200522			233
	RI-SB-05_11-13_20200522			1,320
	RI-SB-06_0-2_20200521			440
	RI-DUP-01_20200521			425 JL
	RI-SB-07_0-2_20200521			1,900 J
	RI-SB-07_8-10_20200521			837
	RI-SB-08_0-2_20200526			296 J
	RI-SB-08_11-13_20200526			314
	RI-SB-09_0-2_20200526			200
	RI-SB-09_11-13_20200526			431
	RI-SB-10_0-2_20200526			459
	RI-SB-10_7-9_20200526			270
	RI-SB-11_0-2_20200526			595
	RI-SB-12_0-2_20200521			211
	RI-SB-13_0-2_20200526			586
	RI-SB-13_11-13_20200526			913
	RI-SB-14_0-2_20200526			970
	RI-SB-14_9-11_20200526			558
	RI-DUP-02_20200522			677
	RI-SB-15_0-2_20200522			529
	RI-SB-15_11-13_20200522			138
	RI-SB-16_0-2_20200522			268
	RI-SB-16_7-9_20200522			276
	RI-SB-16_11-13_20200522			166
	RI-SB-17_0-2_20200521			713
RI-SB-17_7-9_20200521	433			
RI-SB-18_0-2_20200521	161			
RI-SB-18_8-10_20200521	174			

Table 1
Soil Analytes Detected Above RRSCOs and/or UUSCOs

Analyte	Soil Sample Identification	UUSCO (mg/kg)	RRSCO (mg/kg)	Concentration (mg/kg)
Zinc	RI-SB-19_0-2_20200526			870
	RI-DUP-03_20200526			258
	RI-SB-19_11-13_20200526			200
	RI-SB-20_0-2_20200526			205
	RI-SB-20_11-13_20200526			480
Notes: J – The reported concentration is an estimated value. L – Sample result is estimated and biased low. N – Indicates presumptive evidence of a compound. This flag is usually used for a tentatively Sample RI-DUP-01_20200521 is a blind duplicate of sample RI-SB-07_0-2_20200521 Sample RI-DUP-02_20200522 is a blind duplicate of sample RI-SB-15_0-2_20200522. Sample RI-DUP-03_20200526 is a blind duplicate of sample RI-SB-19_11-13_20200526. Sample detections that exceed RRSCOs are bolded .				

Groundwater

Twelve VOCs were detected in the samples analyzed at varying concentrations. The VOCs cis-1,2-dichloroethylene and tetrachloroethylene (PCE) were detected at concentrations above their respective AWQSGVs in one or more samples. Specifically, cis-1,2-DCE was detected at a concentration of 11 µg/L in sample RI-MW-08_20200527, above its AWQSGV of 5 µg/L and PCE was detected in five samples (RI-MW-01_20200527, RI-MW-02_20200527, RI-MW-03_20200526, RI-MW-05_20200522, and RI-MW-07_20200522) at concentrations ranging from 7.5 µg/L to 35 µg/L, above its AWQSGV of 5 µg/L. Two SVOCs were detected at concentrations above their AWQSGVs in one sample. Total and dissolved concentrations of the metals iron, manganese, magnesium, cadmium, selenium, and sodium were detected above their respective AWQSGVs. The elevated concentrations of chlorinated VOCs (CVOCs) could be attributed to historic on-site and/or surrounding uses. The elevated concentrations of metals in groundwater are most likely related to regional groundwater conditions as opposed to an on-site release and the SVOC exceedance can be attributed to dissolved sediment in the sample.

Groundwater analytes detected above AWQSGVs are listed in Table 2.

Table 2
Groundwater Analytes Detected Above AWQSGVs

Analyte	Sample	AWQSGVs (µg/L)	Concentration (µg/L)
Cis-1,2-Dichloroethylene	RI-MW-08_20200527	5	11
Methylene Chloride	RI-GW-FB-01_20200526	5	7.5
Tetrachloroethylene (PCE)	RI-MW-01_20200527	5	7.5
	RI-MW-02_20200527		23
	RI-MW-03_20200526		35
	RI-MW-05_20200522		21
	RI-MW-07_20200522		11
Benzo(a)anthracene	RI-MW-02_20200527	0.002	0.77
Benzo(a)pyrene	RI-MW-02_20200527	ND	0.55 J
Cadmium (total)	RI-MW-04_20200522	5	20

Table 2
Groundwater Analytes Detected Above AWQSGVs

Analyte	Sample	AWQSGVs (µg/L)	Concentration (µg/L)
Iron (total)	RI-DUP-01_20200522	300	6,900 J
	RI-MW-04_20200522		11,800 J
	RI-MW-05_20200522		614
	RI-MW-06_20200522		556
	RI-MW-07_20200522		991
	RI-MW-08_20200527		4,890
Iron (dissolved)	RI-MW-08_20200527	300	4,520
Magnesium (total)	RI-MW-02_20200527	35,000	42,600
	RI-MW-03_20200526		40,300
	RI-MW-05_20200522		47,200
	RI-MW-07_20200522		46,900
	RI-MW-08_20200527		38,700
Magnesium (dissolved)	RI-MW-02_20200527	35,000	42,900
	RI-MW-03_20200526		36,300
	RI-MW-05_20200522		44,800
	RI-MW-07_20200522		41,700
	RI-MW-08_20200527		39,100
Manganese (total)	RI-MW-08_20200527	300	1,020
Manganese (dissolved)	RI-MW-08_20200527	300	988
Selenium (total)	RI-DUP-01_20200522	10	17.8
	RI-MW-04_20200522		19.2
Selenium (dissolved)	RI-DUP-01_20200522	10	22.6
	RI-MW-04_20200522		23.3
	RI-MW-05_20200522		10.5
Sodium (total)	RI-MW-01_20200527	20,000	65,100
	RI-MW-02_20200527		121,000
	RI-MW-03_20200526		100,000
	RI-DUP-01_20200522		29,700
	RI-MW-04_20200522		29,900
	RI-MW-05_20200522		104,000
	RI-MW-06_20200522		61,300
	RI-MW-07_20200522		140,000
RI-MW-08_20200527	155,000		

Table 2
Groundwater Analytes Detected Above AWQSGVs

Analyte	Sample	AWQSGVs (µg/L)	Concentration (µg/L)
Sodium (dissolved)	RI-MW-01_20200527	20,000	65,900
	RI-MW-02_20200527		121,000
	RI-MW-03_20200526		94,600
	RI-DUP-01_20200522		27,200
	RI-MW-04_20200522		26,700
	RI-MW-05_20200522		99,900
	RI-MW-06_20200522		52,800
	RI-MW-07_20200522		126,000
	RI-MW-08_20200527		154,000
Notes: J – The reported concentration is an estimated value. Sample RI-DUP-01_20200522 is a blind duplicate of sample RI-MW-04_20200522.			

Soil Vapor

Petroleum-related and other VOCs including BTEX, n-heptane, n-hexane, tert butyl alcohol (TBA), n-propylbenzene, 2-butanone, acetone, 1,2,4-trimethylbenzene, and 2-hexanone were detected in the soil vapor samples at concentrations up to 620 micrograms per cubic meter (µg/m³) [acetone in RI-SV-01_20200526]; and solvent-related compounds including TCE, PCE, 1,3-trichlorobenzene, carbon tetrachloride, I,1,1-trichloroethane (TCA), and 1,1-dichloroethane, were detected in the soil vapor samples at concentrations up to 120 µg/m³ [PCE in RI-SV-10_20200526]. None of the analytes with New York State Department of Health (NYSDOH) Soil Vapor Intrusion/Indoor Air matrices were detected at a concentration that would require mitigation, regardless of the concentration in indoor air. The concentrations of VOCs in soil vapor are likely related to historical on-site and surrounding property uses, and the CVOCs are likely volatilizing from the groundwater beneath the Site.

Qualitative Human Health Exposure Assessment (QHHEA)

A QHHEA was included in the RI. The Site is currently vacant. Lot 26 is capped with a gravel layer with some vegetation around the perimeter; Lot 50 is asphalt-paved and is being used as a parking lot with some construction trailers supporting the adjacent redevelopment project (La Central Phase I); and Lot 1 is covered with dense vegetation. Since the Site comprises vacant lots (with Lot 50 currently being used for parking) and the temporary construction trailers are not in direct contact with underlying Site soil (i.e., elevated above the ground surface), inhalation of contaminants via soil vapor intrusion is not a concern. The exposure to Site soil/fill is restricted with the presence of a locked chain-linked fencing around the lot perimeters. Groundwater is not exposed anywhere on the Site. Once redevelopment activities begin, there will be a potential exposure pathway from contaminated surface soil/fill to construction workers as these workers could ingest, inhale, or have dermal contact with any exposed contaminated fill or soil, and from contaminated groundwater encountered during deeper excavation. In addition, there will be a potential exposure pathway from any dust emanating from the Site during construction to off-site pedestrians, visitors, cyclists, and adult and child residents. However, these potential exposure pathways will be eliminated through the implementation of the Health & Safety Plan for the construction workers and of the Community Air Monitoring Plan to prevent off-site dust and vapor emissions.

Once redevelopment of the Site has been completed, there could be a potential exposure pathway from the potential off-gassing of residual organic vapors in the soil and/or groundwater through cracks or openings in the foundations; however, it is unlikely that a new building foundation would have significant cracks and/or openings that would allow for the accumulation of vapors within the building. Implementation of the Remedial Actions outlined in this RAWP will prevent the potential exposure pathways from becoming complete.

Summary of the Remedy

Excavation of soil/fill exceeding RRSCOs or to a minimum of 15 feet below grade within the building footprint to achieve a Track 2 remedy, and excavation of soil/fill exceeding Track 4 RRSCOs in the courtyard/exterior areas (in Lots 26 and 50) and in the skate park (Lot 1) where a Track 2 Cleanup cannot be achieved. The anticipated limits of excavation are shown on Figure 6.

1. Removal and off-site disposal of any petroleum storage tanks, fill ports, and vents and any associated grossly-contaminated soil, if encountered, in accordance with applicable regulations.
2. Installation of support of excavation (SOE) necessary to enable excavation of contaminated soil/fill to achieve a Track 2 cleanup. These activities will comply with applicable landmark, vibration monitoring, and associated studies and plans and any local and state controlled inspections.
3. Implementation of a community air monitoring plan (CAMP) during all intrusive Site activities.
4. Screening for indications of contamination (by visual means, odor, and monitoring with PID) of soil during any intrusive Site work.
5. Appropriate off-site disposal of all materials removed from the Site in accordance with all federal, state, and local rules and regulations for handling, transport, and disposal. Waste disposal facilities will be selected based on data collected to date and waste classification sampling. Based on the requirements of the selected facilities, additional soil waste classification samples may be collected and analyzed as needed to obtain approval for soil disposal.
6. Collection and analysis of endpoint samples site-wide to evaluate the performance of the remedy with respect to attainment of the SCOs and document residual contamination.
7. Importation of clean fill meeting the requirements of 6 New York City, Rules, and Regulations (NYCRR) Part 375-6.7(d) to replace the excavated soil, establish the designed grades, and as part of the composite cover system in the Track 4 areas. On-site soil that does not exceed the described excavation criteria (RRSCOs) for any constituent may be used anywhere on-site to backfill the excavation areas or re-grade the Site.
8. Inclusion of an Engineering Control in the new construction consisting of the installation of a minimum 20-mil thick vapor barrier membrane beneath the new building slab and behind the subgrade foundation walls to mitigate any soil vapor intrusion in the building.
9. A soil vapor intrusion evaluation following the construction of the new buildings. The evaluation will include a provision for implementing actions recommended to address exposures related to soil vapor intrusion.
10. Construction and maintenance of a composite cover system in the Track 4 areas, which will consist of either a concrete slab, pavers or a 2-foot layer of clean fill (meeting RRSCOs and PGWSCOs) to prevent human exposure to residual contaminated soil/fill remaining under the Site.
11. The performance of remedial activities at the Site in accordance with this RAWP and the Department-issued Decision Document (DD). All deviations from this RAWP and/or the DD will be promptly reported to the NYSDEC for approval and will be fully explained in the Final Engineering Report (FER).

12. The imposition of an Institutional Control (IC) in the form of an Environmental Easement (EE) for the Site that will: require the remedial party/Site owner to complete and submit a periodic certification of ICs and Engineering Controls (ECs) to the Department in accordance with Part 375-1.8 (h)(3); allow the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws; restrict the use of groundwater as a source of potable or process water without necessary water quality treatment as determined by New York State Department of Health (NYSDOH); and require compliance with the Department-approved Site Management Plan (SMP).
13. Recording of an Environmental Easement, including ECs and ICs, to prevent future exposure to any residual contamination remaining at the Site.
14. Preparation of a SMP for long-term management of residual contamination, as required by the Environmental Easement, including plans for: (1) ICs and ECs, (2) monitoring, (3) operation and maintenance (if applicable), and (4) reporting.

REMEDIAL ACTION WORK PLAN (RAWP)

1.0 INTRODUCTION

La Central Manager II LLC and La Central II Owner LLC (collectively the “Volunteer”) has applied to enter into a Brownfield Cleanup Agreement (BCA) (BCA Index No. XXX) with the New York State Department of Environmental Conservation (NYSDEC or the Department) concurrent with submission of this RAWP, to investigate and remediate the approximately 1.39-acre property located in the Woodstock neighborhood of the Bronx, New York, hereafter referred to as the “Site”. La Central Manager II LLC (the Volunteer) entered into a Brownfield Cleanup Agreement (BCA) Index No. XXX with NYSDEC as a Volunteer on XXX.

This RAWP has been prepared by AKRF, Inc. (AKRF) on behalf of the Volunteer. A Remedial Investigation (RI) Report (RIR) was prepared for submission to NYSDEC together with the BCP Application and this RAWP. The data compiled from the RI was used to prepare this RAWP, which provides an evaluation of Remedial Action (RA) alternatives, their associated costs, and the recommended and preferred remedy. The remedy described in this document is consistent with the procedures defined in Division of Environmental Remediation (DER)-10 and complies with all applicable standards, criteria, and guidance (SCG), provided as Appendix A. The remedy described in this document also complies with all applicable federal, state, and local laws, regulations, and requirements. The NYSDEC and New York State Department of Health (NYSDOH) have determined that this Site does not pose a significant threat to human health and the environment. Fish and wildlife resources were not identified for the Site.

1.1 Site Location

The Site is located in the County of the Bronx, New York and is identified as Block 2361, Lots 26 and 50, and Block 2363, Lot 1 on the New York City Tax Map.

A boundary map is attached to the BCA, as required by Environmental Conservation Law (ECL) Title 14 Section 27-1419. The 1.39-acre property is fully described in the Metes and Bounds, provided as Appendix B. A Site Location map is provided as Figure 1 and a Site Plan is provided as Figure 2.

1.2 Contemplated Redevelopment Plan

The Remedial Action (RA) to be performed under this RAWP is intended to make the Site protective of human health and the environment consistent with the contemplated end use. The proposed redevelopment plan and end use is described here to provide the basis for this assessment. However, the RA contemplated under this RAWP may be implemented independently of the proposed redevelopment plan.

The proposed development plan includes the construction of two multi-story mixed-use residential and commercial use buildings with courtyards, and a public skate park. The proposed redevelopment will include approximately 420 affordable dwelling units, approximately 2,086 square feet (sf) of commercial space, approximately 18,484 sf of community facility space, and an approximately 6,700-square foot public skate park.

1.3 Description of Surrounding Property

The Site is bounded to the north by the Bergen Avenue and Brook Avenue intersection, followed by East 156th Street; to the east by Brook Avenue, followed by athletic fields; to the west by mixed-use residential and commercial use building (La Central Phase I, Building D) followed by Bergen Avenue and retail stores; and to the south by mixed-use residential and commercial use

buildings (La Central Phase I, BCP Site Number C203086). Surrounding properties to the north, south, east and west of the Site are zoned primarily for commercial (C6-2, C2-4, and C4-4)) and residential uses (R6, R7-1, and R7-2). The nearest sensitive receptors (i.e. schools, daycares, or hospitals) include the South Bronx High School (H.S)/Mott Haven Village Prep H.S./New Explorers H.S./H.S. for Career in Sports, located at 701 St. Ann's Avenue, approximately 420 feet east of the Site; the St. Adalbert School, located at 419 East 155th Street, approximately 800 feet northwest of the Site; the Northside Center for Child Development, Inc., located at 609 East 156th Street, approximately 885 feet northeast of the Site; the J.H.S. 162 Lola Rodriguez De Tio School, located at 600 St. Ann's Avenue, approximately 950 feet southeast of the Site; and the Miniventures of New York, Inc. daycare, located at 433 East 148th Street, approximately 950 feet south-southwest of the Site.

2.0 DESCRIPTION OF PREVIOUS INVESTIGATION FINDINGS

An RI was conducted between May 21 and 27, 2020. The RIR was submitted to NYSDEC in August 2020. Previous environmental reports are included in Appendix C.

2.1 Previous Investigations Summary

The RI included: utility mark-outs; a geophysical survey; the advancement of 20 soil borings with the collection and laboratory analysis of 50 soil samples; the installation of 9 temporary groundwater monitoring wells with the collection and laboratory analysis of 9 samples; and installation of 19 temporary soil vapor points with the collection and laboratory analysis of 19 soil vapor samples.

2.1.1 Soil Boring, Groundwater Monitoring Well, and Soil Vapor Point Installation

Soil Borings

In May 2020, 20 soil borings (RI-SB-01 through RI-SB-20) were advanced across the Site by Eastern, using a Geoprobe® direct-push probe (DPP) drill rig. The soil borings were advanced to depths ranging from 15 and 20 feet below ground surface (bgs). Due to equipment refusal, soil boring SB-14 was advanced to 11 feet bgs. The soil boring locations were measured against Site boundaries and landmarks upon their completion, and also identified with a hand-held global positioning system (GPS) monitor. The soil samples were collected in five-foot long, two-inch diameter, stainless steel macrocore piston rod samplers fitted with dedicated, internal acetate liners. All sampling equipment was either dedicated or decontaminated between sampling locations. Two soil samples were collected from borings RI-SB-04, RI-SB-06, RI-SB-08, RI-SB-11 to RI-SB-15, and RI-SB-19 to RI-SB-20; and three samples were collected from borings RI-SB-01 to RI-SB-03, RI-SB-05, RI-SB-07, RI-SB-09, RI-SB-10, and RI-SB-16 to RI-SB-18.

Soil cores at each boring location were observed for field evidence of contamination, including petroleum-like odors and dark staining; 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. No petroleum-like odors or staining were observed in any of the soil borings across the Site during the RI; however, PID readings ranging from 0.7 parts per million (ppm) and 22.6 ppm were noted in the soil samples. In addition, no evidence of free phase product [non-aqueous phase liquid (NAPL)] was identified during the RI.

Groundwater Monitoring Wells

Groundwater samples were collected from nine groundwater monitoring wells (MW-01 to MW-09) in accordance with the United States Environmental Protection Agency (EPA) low-flow sampling methodology, and the February and July 2019 NYSDEC emerging contaminant sampling guidance. Groundwater samples were collected using dedicated and decontaminated sampling equipment.

Each 1-inch diameter groundwater monitoring well was constructed with 10 feet of 0.020-inch slotted polyvinyl chloride (PVC) well screen installed at least 5 feet into the observed water table. A No. 2 Morie sand pack was then installed from the bottom of the well to 2 feet above the well screen followed by 2 feet of hydrated bentonite. The remaining annular space around the well was backfilled using No. 2 Morie sand. Each of

the wells were finished with j-plugs and either flush mount well caps (in the asphalt-paved areas) or stick up riser piping (in non-asphalt paved areas).

Prior to collecting the groundwater samples, the depth to groundwater and the total well depth were measured at each temporary groundwater monitoring well using a water level meter attached to a measuring tape accurate to 0.01 foot. No field evidence of contamination (e.g., odors, sheen, and elevated PID readings) was observed in any of the temporary groundwater monitoring wells during installation, purging, or sampling, and no free phase product (NAPL) was detected. Purging of the wells continued until the turbidity of the water decreased below 50 nephelometric turbidity units (NTUs) and groundwater quality parameters stabilized. During sample collection, sample containers slated for laboratory analysis of dissolved metals were field filtered using inline filters. Since no field evidence of contamination was observed, all purge water from the temporary groundwater monitoring wells was returned to the well following sample collection.

Soil Vapor Points

Nineteen temporary soil vapor points (RI-SV-01 through RI-SV-019) were installed at the Site by Eastern. Temporary soil vapor points RI-SV-01 through RI-SV-19 were installed at the interval one to two feet above the observed groundwater interface (approximately 11 to 13 feet bgs).

The temporary soil vapor sampling points were installed by advancing an expendable drive point into the subsurface. At each point, a six-inch stainless steel screen implant connected to Teflon™-lined polyethylene tubing was installed through the drilling rods and threaded into the drive point. The sample tubing was extended from the bottom end of the screen to above grade. The rods were then removed and the borings were backfilled with No. 2 Morie sand to six inches above the screen. Hydrated bentonite was used to fill the remaining void around the sampling tubing to the ground surface.

The soil boring, monitoring well, and temporary soil vapor point locations are shown on Figure 2.

2.1.2 Geophysical Survey and Utility Mark-Outs

The geophysical survey, including a ground penetrating radar (GPR) and magnetometer survey, was conducted to investigate the potential presence of USTs and buried aboveground storage tanks (ASTs) from past on-site uses, and to clear boring locations of underground utilities. The GPR survey utilizes electromagnetic wave propagation and scattering to image and identify changes in electrical and magnetic properties in the ground. Magnetometers measure irregularities in the magnetic field in a given area.

Multiple metallic anomalies were identified across the Site. The anomalies were not consistent with potential buried tanks and were identified as likely near surface buried metallic debris. The survey identified electric lines and multiple segments of unknown utilities across the Site. The metallic anomaly locations were marked out with spray paint prior to the commencement of drilling activities. The Geophysical Investigation Report is included as Appendix B of the RIR, which is included in Appendix C.

2.1.3 Soil, Groundwater, and Soil Vapor Sampling

Soil Sampling

Fifty soil samples and three blind duplicate sample were collected for laboratory analysis as part of the RI. A list of soil borings and the soil samples collected from each boring is presented in Table 3.

Table 3
Summary of Soil Samples

Soil Boring ID	Soil Sample ID
RI-SB-01	RI-SB-01_0-2_20200522
	RI-SB-01_6-8_20200522
	RI-SB-01_11-13_20200522
RI-SB-02	RI-SB-02_0-2_20200522
	RI-SB-02_7-9_20200522
	RI-SB-02_11-13_20200522
RI-SB-03	RI-SB-03_0-2_20200522
	RI-SB-03_8-10_20200522
	RI-SB-03_11-13_20200522
RI-SB-04	RI-SB-04_0-2_20200521
	RI-SB-04_11-13_20200521
RI-SB-05	RI-SB-05_0-2_20200522
	RI-SB-05_6-8_20200522
	RI-SB-05_11-13_20200522
RI-SB-06	RI-SB-06_0-2_20200521
	RI-SB-06_11-13_20200521
RI-SB-07	RI-SB-07_0-2_20200521
	RI-SB-07_8-10_20200521
	RI-SB-07_11-13_20200521
	RI-DUP_01_20200521
RI-SB-08	RI-SB-08_0-2_20200526
	RI-SB-08_11-13_20200526
RI-SB-09	RI-SB-09_0-2_20200526
	RI-SB-09_7-9_20200526
	RI-SB-09_11-13_20200526
RI-SB-10	RI-SB-10_0-2_20200526
	RI-SB-10_7-9_20200526
	RI-SB-10_11-13_20200526
RI-SB-11	RI-SB-11_0-2_20200526
	RI-SB-11_11-13_20200526
RI-SB-12	RI-SB-12_0-2_20200521
	RI-SB-12_11-13_20200521
RI-SB-13	RI-SB-13_0-2_20200526
	RI-SB-13_11-13_20200526

Table 3
Summary of Soil Samples

Soil Boring ID	Soil Sample ID
RI-SB-14	RI-SB-14_0-2_20200526
	RI-SB-14_9-11_20200526
RI-SB-15	RI-SB-15_0-2_20200522
	RI-SB-15_11-13_20200522
	RI-DUP_02_20200522
RI-SB-16	RI-SB-16_0-2_20200522
	RI-SB-16_7-9_20200522
	RI-SB-16_11-13_20200522
RI-SB-17	RI-SB-17_0-2_20200522
	RI-SB-17_7-9_20200522
	RI-SB-17_11-13_20200522
RI-SB-18	RI-SB-18_0-2_20200521
	RI-SB-18_8-10_20200521
	RI-SB-18_11-13_20200521
RI-SB-19	RI-SB-19_0-2_20200526
	RI-SB-19_11-13_20200526
	RI-DUP_03_20200526
RI-SB-20	RI-SB-20_0-2_20200526
	RI-SB-20_11-13_20200526
Notes: Soil sample RI-DUP_01_20200521 is a blind duplicate of soil sample RI-SB-07_0-2_20200521. Soil sample RI-DUP_02_20200522 is a blind duplicate of soil sample RI-SB-15_0-2_20200526. Soil sample RI-DUP_03_20200526 is a blind duplicate of soil sample RI-SB-19_11-13_20200526.	

Soil boring locations are shown on Figure 2. Soil analytical data are presented in Tables 5 through 11.

Groundwater Sampling

Nine groundwater samples and one blind duplicate groundwater sample were collected for laboratory analysis as part of the RI. Groundwater sampling locations are shown on Figure 2. Groundwater sample analytical data are presented in Tables 12 through 18.

2.1.4 Soil Vapor Sampling

Nineteen soil vapor samples were collected for laboratory analysis as part of the RI from 19 temporary soil vapor points. A list of temporary soil vapor points and the soil vapor samples collected from each point is presented in Table 4.

Table 4
Summary of Soil Vapor Points and Samples

Temporary Soil Vapor Point	Soil Vapor Sample
RI-SV-01	RI-SV-01_20200526
RI-SV-02	RI-SV-02_20200526
RI-SV-03	RI-SV-03_20200526
RI-SV-04	RI-SV-04_20200522
RI-SV-05	RI-SV-05_20200522
RI-SV-06	RI-SV-06_20200522
RI-SV-07	RI-SV-07_20200522
RI-SV-08	RI-SV-08_20200527
RI-SV-09	RI-SV-09_20200527
RI-SV-10	RI-SV-10_20200526
RI-SV-11	RI-SV-11_20200526
RI-SV-12	RI-SV-12_20200522
RI-SV-13	RI-SV-13_20200526
RI-SV-14	RI-SV-14_20200526
RI-SV-15	RI-SV-15_20200522
RI-SV-16	RI-SV-16_20200522
RI-SV-17	RI-SV-17_20200522
RI-SV-18	RI-SV-18_20200526
RI-SV-19	RI-SV-19_20200526

Soil vapor sampling locations are shown on Figure 2. Soil vapor sample collection data are included in the attached Table 19. Methodologies used for the soil vapor assessment conformed to the NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006 (updated May 2017).

2.1.5 Chemical Analytical Work Performed

Factor	Description
Quality Assurance Officer	The chemical analytical QA/QC was directed by Axel Schwendt of AKRF.
Third Party Data Validator	The third-party data validation was performed by Lori Beyer of L.A.B. Validation Corp.
Chemical Analytical Laboratory	The chemical analytical laboratory used in the investigations was Eurofins-TestAmerica of Edison, New Jersey, a New York State ELAP-certified laboratory.

Factor	Description
Chemical Analytical Methods	<p>Soil analytical methods:</p> <ul style="list-style-type: none"> • VOCs by EPA Method 8260C (rev. 2006) • SVOCs by EPA Method 8270D (rev. 2007) • Pesticides by EPA Methods 8081B (rev. 2000) • PCBs by EPA Method 8082A (rev. 2000) • TAL Metals by EPA Method 6000/7000 series (rev. 2007) • Hexavalent chromium by EPA Method 7196A (rev. 1992) • 1,4-Dioxane by EPA Method 8270 • 21 compound PFAS list by Modified EPA Method 537 <p>Groundwater analytical methods:</p> <ul style="list-style-type: none"> • VOCs by EPA Method 8260C (rev. 2006) • SVOCs by EPA Method 8270D (rev. 2007) • Pesticides by EPA Methods 8081B (rev. 2000) • PCBs by EPA Method 8082A (rev. 2000) • TAL Metals (total and dissolved) by EPA Method 6000/7000 series (rev. 2007) • 1,4-Dioxane by EPA Method 8270D SIM • 21 compound PFAS list by Modified EPA Method 537 <p>Soil vapor analytical method:</p> <ul style="list-style-type: none"> • VOCs by EPA Method TO-15

2.1.6 Remedial Investigation Findings

Soil analytical results are presented in Tables 5 through 11, groundwater analytical results are presented in Tables 12 through 18, and soil vapor analytical results are presented in Table 19. Concentration maps showing analytes detected above applicable standards for soil and groundwater are shown on Figures 3A through 3C, and 4, respectively. Concentration maps showing detected soil vapor are provided as Figures 5A through 5C.

2.2 Significant Threat

The NYSDEC and NYSDOH have not yet determined whether this Site poses a significant threat to human health and the environment. That determination will occur when the Decision Document is issued.

2.3 Site History

2.3.1 Past Uses and Ownership

According to the historical records, the Site was developed prior to 1891 with residential and commercial/manufacturing use buildings. Subsequent historical uses included a wig factory, butcher/meatpacking facilities, dwellings and stores, and other unspecified manufacturing uses, which were relatively unchanged until 1989. During this time, the

triangular lot (Block 2363, Lot 1) contained a packing company storage yard until 1951, after which it appeared vacant. Demolition of on-site buildings occurred gradually between 1951 and 1989, and the Site has remained vacant since 1976. Regulatory databases reviewed per American Society for Testing and Materials (ASTM) radii did not identify the Site on any database. No Certificates of Occupancy were identified for the Site.

The Site is currently owned by the City of New York.

2.3.2 Previous Environmental Reports

Phase I Environmental Site Assessment (ESA), La Central Phase II, AKRF, June 2020

AKRF prepared a Phase I ESA in June 2020, in accordance with the American Society for Testing and Materials (ASTM) Standard E1527-13. The Phase I identified the following Recognized Environmental Conditions (RECs):

- Historical Sanborn maps and a City Directory search identified historic commercial meat and poultry processing, packaging, and storage between 1927 and 1976.
- A review of the historical City Directories, regulatory databases, and Sanborn maps identified numerous industrial, manufacturing, and automotive uses on adjacent and surrounding properties between 1908 and 2017, which included machine works, jewelry manufacturing, display manufacturing, woodworking shops, cold storage, auto repair, auto garages with gasoline tanks, and wagon painting.

AKRF recommended a subsurface investigation to characterize subsurface conditions throughout the Site prior to redevelopment. The Phase I ESA is included in Appendix C.

Phase II Environmental Site Assessment – Plaza at the Hub, Bronx., New York, Roux Associates, October 2007

Roux Associates (Roux) conducted a limited Phase II ESA for a larger property, which included a portion of the Site (samples SB-1, SB-2, SB-3P/MW-1, MR-154, and SB-5P), in February 2006 and a Supplemental Phase II ESA in August 2007. Findings and conclusions included:

- Polyaromatic hydrocarbons (PAHs) exceeding Restricted Residential Soil Cleanup Objectives (RRSCOs) were detected in soil samples collected from a portion of the Site.
- PCE and cis-1,2-DCE were detected in the groundwater at concentrations of 72 µg/L and 5.4 µg/L, respectively, above their NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs) in one sample.
- The presence of historic fill in the subsurface.

Remedial Investigation Report – La Central Phase II, AKRF, Inc., June 2020

AKRF conducted a Remedial Investigation (RI) at the Site between May 21 and 27, 2020. The RI included a geophysical survey across accessible portions of the Site, the advancement of 20 soil borings with the collection and laboratory analysis of 50 soil samples, installation of 9 temporary groundwater monitoring wells with the collection of 9 groundwater samples, and the installation of 19 temporary soil vapor points with the collection and laboratory analysis of 19 soil vapor samples.

The stratigraphy of the Site, from the surface down, generally consisted of fill material comprising sand, silt, and gravel with varying amounts of brick, concrete, wood, scrap metal, glass, plastic, and rubber extending from grade to 15 feet below ground surface (bgs). The historic fill layer was underlain by apparent native sand, gravel, and silt to boring termination depths (up to 20 feet bgs). Bedrock was not encountered during the RI.

Soil

The VOC acetone was detected in two soil samples, RI-SB-06_0-2_20200521 and RI-SB-13_11-13_20200526, at concentrations of 0.053 mg/kg and 0.059 mg/kg, respectively, above its UUSCO of 0.05 mg/kg, but below its RRSCO of 100 mg/kg. No other VOCs were detected above their respective UUSCOs and/or RRSCOs.

SVOCs were detected at concentrations above their respective RRSCOs and/or UUSCOs in 31 soil samples and two blind duplicate samples, including: benzo(a)anthracene in 29 samples and two blind duplicate samples at concentrations up to 120 milligrams per kilogram (mg/kg), above its RRSCO and UUSCO of 1 mg/kg; benzo(a)pyrene in 29 samples and two blind duplicate samples at concentrations up to 95 mg/kg, above its RRSCO and UUSCO of 1 mg/kg; benzo(b)fluoranthene in 31 samples and two blind duplicate samples at concentrations up to 120 mg/kg, above its RRSCO and UUSCO of 1 mg/kg; benzo(k)fluoranthene in 26 samples and two blind duplicate samples at concentrations up to 46 mg/kg, above its RRSCO of 3.9 mg/kg and/or UUSCO of 0.8 mg/kg; chrysene in 29 samples and two blind duplicate samples at concentrations up to 100 mg/kg, above its RRSCO of 3.9 mg/kg and/or UUSCO of 1 mg/kg; dibenzo(a,h)anthracene in 21 samples and two blind duplicate samples at concentrations up to 12 mg/kg, above its RRSCO and UUSCO of 0.33 mg/kg; and indeno(1,2,3-cd)pyrene in 30 samples and two blind duplicate samples at concentrations up to 37 mg/kg, above its RRSCO and UUSCO of 0.5 mg/kg.

Additional SVOCs were detected in sample RI-SB-02_7-9_20200522 and included: acenaphthene at a concentration of 24 mg/kg, above its UUSCO of 20 mg/kg; dibenzofuran at a concentration of 23 mg/kg, above its UUSCO of 7.0 mg/kg; fluoranthene at a concentration of 240 mg/kg, above its RRSCO and UUSCO of 100 mg/kg; fluorene at a concentration of 40 mg/kg, above its UUSCO of 30 mg/kg; naphthalene at a concentration of 24 mg/kg, above its UUSCO of 12 mg/kg; phenanthrene at a concentration of 240 mg/kg, above its RRSCO and UUSCO of 100 mg/kg; and pyrene at 210 mg/kg, above its RRSCO and UUSCO of 100 mg/kg. Phenol was detected in RI-SB-16_7-9_20200522 at a concentration of 0.57 mg/kg, above its UUSCO of 0.33 mg/kg.

Pesticides were detected at concentrations above their respective UUSCOs, but below the RRSCOs, in 33 soil samples and one blind duplicate sample, including: dieldrin in 11 samples at concentrations up to 0.02 mg/kg, above its UUSCO of 0.005 mg/kg; 4,4'-DDD in eight samples and one blind duplicate sample at concentrations up to 0.027 mg/kg, above its UUSCO of 0.0033 mg/kg; 4,4'-DDE in 11 samples and one blind duplicate sample at concentrations up to an estimated 0.2 mg/kg, above its UUSCO of 0.0033 mg/kg; and 4,4'-DDT in 33 samples and one blind duplicate sample at concentrations up to 0.3 mg/kg, above its UUSCO of 0.0033 mg/kg.

Three PCB mixtures, Aroclor 1242, Aroclor 1248, and Aroclor 1260, were detected at concentrations up to 0.29 mg/kg, 0.22 mg/kg, and 0.097 mg/kg, respectively, in one or more soil samples. Total PCBs were detected at concentrations above the UUSCO of 0.1

mg/kg, but below the RRSCO of 1 mg/kg, in three samples: RI-SB-01_0-2_20200522 (0.29 mg/kg), RI-SB-01_6-8_20200522 (0.14 mg/kg), and RI-SB-19_0-2_20200526 (0.28 mg/kg).

Seven metals were detected at concentrations above their respective RRSCOs and/or UUSCOs, including: barium in 15 samples and one blind duplicate sample at concentrations up to 1,540 mg/kg, above the RRSCO of 400 mg/kg and/or UUSCO of 350 mg/kg; copper in eight samples at concentrations up to 555 mg/kg, above its RRSCO of 270 mg/kg and/or UUSCO of 50 mg/kg; lead in 33 samples and three blind duplicate samples at concentrations up to 953 mg/kg, above its RRSCO of 400 mg/kg and/or UUSCO of 63 mg/kg; mercury in 21 samples and two blind duplicate samples at concentrations up to 2.6 mg/kg, above its RRSCO of 0.810 mg/kg and/or UUSCO of 0.180 mg/kg; nickel in three samples and two blind duplicate samples at concentrations up to 93.8 mg/kg, above its UUSCO of 30 mg/kg; zinc in 37 samples and three blind duplicate samples at concentrations up to 1,900 mg/kg, above the UUSCO of 109 mg/kg; and hexavalent chromium in one sample (RI-SB-20_11-13_20200526) at a concentration of 1.2 mg/kg, above its UUSCO of 1 mg/kg but below the RRSCO.

PFAS were detected in all the samples and associated blind duplicate samples with concentrations ranging from 0.012 micrograms per kilogram ($\mu\text{g}/\text{kg}$) in sample RI-SB-15_0-2_20200522 to 15.9 $\mu\text{g}/\text{kg}$ in sample RI-SB-11_11-13_20200526. The highest concentration of PFAS was noted in the soil sample collected directly above the observed groundwater interface, and the findings could be attributed to PFAS concentrations in the groundwater, and not to the soil or an on-site source. The manufacturing history on the Site pre-dates the use of PFAS, therefore, and on-site source other than potentially from the historic fill, is not anticipated.

The compound 1,4-dioxane was not detected in any of the samples analyzed.

Groundwater

Three VOCs were detected at concentrations above their respective AWQSGVs in six samples: cis-1,2-DCE in one sample (RI-MW-08_20200527) at a concentration of 11 $\mu\text{g}/\text{L}$, above its AWQSGV of 5 $\mu\text{g}/\text{L}$; methylene chloride was detected at a concentration of 7.5 $\mu\text{g}/\text{L}$ in the field blank sample RI-GW-FB-01_20200526, above its AWQSGV of 5 $\mu\text{g}/\text{L}$; and PCE in five samples at concentrations up to 35 $\mu\text{g}/\text{L}$, above its AWQSGV of 5 $\mu\text{g}/\text{L}$.

Two SVOCs were detected at concentrations above their AWQSGVs in one sample (RI-MW-02_20200527): benzo(a)anthracene was detected at an estimated concentrations of 0.77 $\mu\text{g}/\text{L}$, above its AWQSGV of 0.002 $\mu\text{g}/\text{L}$; and benzo(a)pyrene was detected at an estimated concentration of 0.55 $\mu\text{g}/\text{L}$, above its AWQSGV of non-detect (ND). The compound 1,4-dioxane was not detected above the reporting limits specified in NYSDEC's January 2020 *Groundwater Sampling for Emerging Contaminants* guidance document.

PCBs and Pesticides were not detected above their respective AWQSGVs in any of the groundwater samples, however, PCBs were found in one sample during Roux's investigation.

Six metals (cadmium, iron, manganese, magnesium, selenium, and sodium) were detected at concentrations above their AWQSGVs in eight samples and one blind duplicate sample. Specifically, cadmium in one sample (RI-MW-04_20200522) at a concentration of 20 $\mu\text{g}/\text{L}$, above its AWQSGV of 5 $\mu\text{g}/\text{L}$; iron in five samples and one

blind duplicate sample at concentrations up to 11,800 µg/L, above its AWQSGV of 300 µg/L; magnesium in five samples at concentrations up to 47,200 µg/L, above its AWQSGV of 35,000 µg/L; manganese in one sample (RI-MW-08_20200527) at a concentration of 1,020 µg/L, above its AWQSGV of 300 µg/L; selenium in one sample and one blind duplicate sample at concentrations up to 19.2 µg/L, above its AWQSGV of 10 µg/L; and sodium in all eight samples and one blind duplicate sample at concentrations up to 155,000 µg/L, above its AWQSGV of 20,000 µg/L.

Five metals (iron, magnesium, manganese, selenium, and sodium) were detected at concentrations above their AWQSGVs in the eight dissolved (filtered) samples and one blind duplicate sample. Specifically, iron in one sample at a concentration of 4,520 µg/L, above its AWQSGV of 300 µg/L; magnesium in five samples at concentrations up to 44,800 µg/L, above its AWQSGV of 35,000 µg/L; manganese in one sample at a concentration of 988 µg/L, above its AWQSGV of 300 µg/L; selenium in two samples and one blind duplicate sample at concentrations up to 23.3 µg/L, above its AWQSGV of 10 µg/L; and sodium in eight samples and one blind duplicate sample at concentrations up to 154,000 µg/L, above its AWQSGV of 20,000 µg/L.

PFAS were detected above the combined USEPA Drinking Water Health Advisory Levels (DWHAL) of 70 nanograms per liter (ng/L) in seven groundwater samples (RI-MW-01_20200527, RI-MW-02_20200527, RI-MW-03_20200526, RI-MW-04_20200522, RI-MW-05_20200522, RI-MW-07_20200522, RI-MW-08_20200527) and one blind duplicate sample (RI-DUP-01_20200522) at concentrations ranging between a 88.7 ng/L and 616.98 ng/L. The PFAS detections could be attributed to the regional groundwater quality. PFAS compounds were heavily used in the manufacture of fire-fighting foam, and two fire stations were identified in the surrounding area with the nearest one located approximately 1,000 feet upgradient to the Site. Based on the fact that the Site's manufacturing history pre-dates the use of PFAS, an on-site source is not expected.

Soil Vapor

Nineteen soil vapor samples were collected from the 19 temporary soil vapor points (RI-SV-01 through RI-SV-19) at the locations shown on Figure 2. 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.

The soil vapor samples were analyzed for VOCs by EPA Method TO-15. Petroleum-related and other VOCs including BTEX, n-heptane, n-hexane, tert butyl alcohol (TBA), n-propylbenzene, 2-butanone, acetone, 1,2,4-trimethylbenzene, and 2-hexanone were detected in the soil vapor samples at concentrations up to 620 micrograms per cubic meter (µg/m³) [acetone in RI-SV-01_20200526]; and solvent-related compounds including TCE, PCE, 1,3-trichlorobenzene, carbon tetrachloride, 1,1,1-trichloroethane (TCA), and 1,1-dichloroethane, were detected in the soil vapor samples at concentrations up to 120 µg/m³ [PCE in RI-SV-10_20200526].

TCE was detected in the samples RI-SV-04_20200522, RI-SV-08_20200527, and RI-SV-12_20200522 at concentrations of 3.5 µg/m³, 0.25 µg/m³, and 0.78 µg/m³, respectively; and PCE was detected in all of the samples at concentrations ranging between 0.8 µg/m³ to 120 µg/m³.

2.3.3 Sanborn Maps

Historical fire insurance (Sanborn) maps were reviewed for indications of past uses on or near the Site that may have resulted in the use or disposal of hazardous materials or generation of hazardous waste. All Sanborn maps available for this Site were reviewed prior to the preparation of this RAWP and are included as Appendix D. A summary of the map review is summarized below:

- Historical records indicated that the Site was originally developed prior to 1891 with dwellings, five provision houses used for the butchering, storage and sales of meat and poultry, and a curled hair (wig) factory. By 1935, the Site had been developed with additional provision and packing facilities. A note on the 1977 map indicated that the Site was vacant despite the apparent presence of structures seen on previous maps. By 1986, the Sanborn maps were corrected to show the Site as vacant, and it remained vacant through the 2007 map.
- Sanborn maps indicated that the surrounding neighborhood contained numerous industrial, manufacturing, and automotive uses between 1908 and 2007 including a freight yard, automobile repair shops, garages with gasoline tanks, a machine shop, display manufacturer, a jewelry manufacturer and a cold storage. Such uses may have affected area soil and/or groundwater quality.

2.4 Geological Conditions

Based on an April 2015 survey of the Site by Gallas Surveying Group, the Site lies at an elevation of approximately 16.1 to 19.1 feet (sloping upward towards the north) above the North American Vertical Datum (NAVD) of 1988 converted from the Borough of Bronx Highway Datum. Based on the RI, the stratigraphy of the Site, from the surface down, consists of fill material comprising sand, silt, and gravel with varying amounts of brick, concrete, wood, scrap metal, glass, plastic, and rubber extending from grade to 15 feet below ground surface (bgs). The historic fill was underlain by apparent native sand, gravel, and silt to boring termination depths (up to 20 feet bgs). Bedrock was not encountered during the RI but is expected to range between 20 to 60 feet below grade based on previous investigations conducted on the adjacent property. Regional groundwater flows in an easterly direction.

2.5 Contamination Conditions

The data compiled during the RI was compared to the following SCGs to determine the nature and extent of the contamination area associated with the Site:

Soil – NYSDEC UUSCOs and RRSCO;

Groundwater – NYSDEC Ambient Water Quality Standards and Guidance Values (AWQSGVs) – TOGS 1.1.1 and new proposed (anticipated final regulation end of year 2020) Maximum Contaminant Levels (MCLs) for PFOA, PFOS and 1-4, dioxane; and

Soil Vapor – 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.

2.5.1 Conceptual Model of Site Contamination

The affected media for the existing or potential releases at the Site include soil, groundwater, and soil vapor. Based on an evaluation of the data and information from the RI, the Site is contaminated with: PAHs, pesticides, PCBs, PFAS, and metals in soil/fill; petroleum- and solvent-related VOCs in soil vapor; and VOCs, metals, and PFAS in

groundwater. However, the concentrations of PFAS, and metals in groundwater are likely related to regional groundwater conditions and not a Site-related release. The PFAS detections could be attributed to the regional groundwater quality. PFAS compounds were heavily used in the manufacture of fire-fighting foam, and two fire stations were identified in the surrounding area with the nearest one located approximately 1,000 feet upgradient to the Site. The historic wig factory operated at the Site sometime between 1891 and 1935, well before PFAS compounds were commercially available (between 1940 and 1950).

Soil Vapor

The elevated concentrations of PAHs, pesticides, PCBs, and metals in soil/fill were detected in samples collected from both the shallow and deeper sample intervals (up to 15 feet bgs) and appear to be related to historic fill materials (sand, silt, and gravel with varying amounts of brick, concrete, wood, scrap metal, glass, plastic, and rubber) which were observed in the soil borings. Chlorinated solvent related VOCs were detected in the groundwater samples, at concentrations exceeding the AWQSGVs, collected across the Site. Petroleum- and chlorinated- related VOCs were detected in the soil vapor samples collected across the Site. The detections could be attributed to historic on-site uses and/or surrounding uses.

Based on the RI data, it is likely that contaminants in groundwater are regional conditions.

2.5.2 Description of Areas of Concern (AOCs)

- Previous uses at the Site included a curled hair (wig) factory, and provision houses for the butchering, storage and sales of meat and poultry.
- Former buildings may have had undocumented USTs and/or ASTs with potential associated releases.
- The presence of historic fill beneath the Site.
- Historical Sanborn maps, city directory listings, and the regulatory database information identified several industrial, manufacturing, and automotive uses between 1908 and 2007 including a freight yard, automobile repair shops, garages with gasoline tanks, a machine shop, display manufacturer, a jewelry manufacturer and a cold storage. Such uses may have affected area soil vapor/or groundwater quality.

2.5.3 Contaminated Media

The Site is contaminated with: PAHs, pesticides, PCBs, PFAS and metals in soil/fill; petroleum- and solvent-related VOCs in soil vapor; and CVOCs, metals, and PFAS in groundwater. However, the concentrations of PFAS and metals in groundwater are likely related to regional groundwater conditions and not an on-site release. VOCs associated with petroleum and chlorinated VOCs were detected in soil vapor; although none of the analytes with NYSDOH matrices were detected at a concentration that would require mitigation, regardless of the concentration in indoor air. PAHs and heavy metals were detected above UUSCOs and/or RRSCO in soil samples collected from both shallow and deeper sample intervals (up to 15 feet bgs). Elevated concentrations of CVOCs were detected in the groundwater samples collected from across the Site. However, elevated concentrations of PCE were historically detected at the upgradient and west-adjacent La Central Phase I redevelopment site (BCP Site Number C203086) and an in-situ chemical

oxidation (ISCO) treatment, consisting of sodium-permanganate injections was conducted in 2017 as part of the remedial action. Based on the review of the available historic data from SB-3P monitoring well, installed by others in the southern portion of the Phase II Site and downgradient of the ISCO treated area (Phase I redevelopment), and the current RI groundwater data collected from the southern portion of the Site the concentrations of CVOCs have reduced significantly following the groundwater treatment on the adjacent property and the concentration appear to be following a downward trend. The detections could be attributed to historic on-site and/or surrounding uses.

2.5.4 Identification of Standards, Criteria, and Guidance (SCGs)

The following remedial SCGs apply to the project and are the performance criteria used to determine whether the Remedial Action Objectives (RAOs) have been met:

- Soil – 6 NYCRR Part 375, UUSCOs and RRSCO (December 2006); NYCRR Part 371 - Identification and Listing of Hazardous Wastes; 6 NYCRR Part 376 - Land Disposal Restrictions; and NYCRR Part 360 - Solid Waste Management Facilities.
- Groundwater – 6 NYCRR Parts 700-706 - Water Quality Standards (June 1998), and TOGS 1.1.1 AWQSGV and Guidance Values and Groundwater Effluent Limitations.

In addition, the following SCGs are applicable to the remedial program at the Site:

- NYSDEC DER-10 – Technical Guidance for Site Investigation and Remediation (May 2010)
- NYSDEC Draft Brownfield Cleanup Program Guide (May 2004)
- NYSDOH Generic Community Air Monitoring Plan (CAMP)
- NYSDEC DER-23 – Citizens Participation Handbook for Remedial Programs (January 2010)
- 6 NYCRR Part 372 – Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (November 1998)
- 6 NYCRR Subpart 374-1 – Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities (November 1998)
- 6 NYCRR Subpart 374-3 – Standards for Universal Waste (November 1998)
- 6 NYCRR Part 375 – Environmental Remediation Programs (December 2006)
- 6 NYCRR Part 612 – Registration of Petroleum Storage Facilities (February 1992)
- 6 NYCRR Part 613 – Handling and Storage of Petroleum (February 1992)
- 6 NYCRR Part 614 – Standards for New and Substantially Modified Petroleum Storage Tanks (February 1992)
- 40 CFR Part 280 – Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks
- 29 CFR Part 1910.120 – Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 – Underground Injection Control Program

Additional regulations and guidance may be applicable, relevant, and appropriate to the remedial alternatives and will be complied with in connection with implementation of the remedial program. However, the list above is intended to represent the principal SCGs that should be considered in evaluating the remedial alternatives for the Site. SCGs for the Site are provided in Appendix A.

2.5.5 Soil/Fill Contamination

2.5.5.1 Summary of Soil/Fill Data

The June 2020 RIR documented that the soil/fill at the Site is contaminated with PAHs and metals at varying depths down to at least 15 feet below grade. Fifteen PAHs, including: acenaphthene, benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, chrysene, dibenz(a,h)anthracene, dibenzofuran, fluoranthene, fluorene, and indeno[1,2,3-c,d]pyrene were detected at concentrations above their respective RRSCOs and/or UUSCOs in up to 31 soil samples. The highest concentrations of PAHs were detected in soil boring RI-SB-02, located in the southern portion of the Site. Metals, including barium, copper, lead, mercury, nickel, and zinc, were detected at concentrations above their respective RRSCOs and/or UUSCOs in up to 37 soil samples. Barium was detected as high as 1,540 milligrams per kilogram (mg/kg), lead was detected as high as 618 mg/kg, and mercury was detected as high as 2.6 mg/kg. Detected concentrations of PAHs and metals in soil at the Site appear to be related to historic fill materials (sand, silt, and gravel with varying amounts of concrete and brick), which were observed across the Site extending from grade to 15 feet bgs and to the groundwater quality (for samples collected at the groundwater interface).

2.5.5.2 Comparison of Soil/Fill with SCGs

The results of the laboratory data presented in the RIR indicate that soil/fill is a media of concern. The following analytes and compounds of concern were detected above the 6NYCRR Part 375 UUSCOs in the on-site soil/fill: acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, dibenzofuran, fluoranthene, fluorine, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, phenol, and pyrene barium, copper, lead, mercury, nickel, and zinc.

The following analytes and compounds of concern were also detected above the 6NYCRR Part 375 RRSCOs in the on-site soil/fill: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, and pyrene, barium, copper, lead, and mercury.

Soil data collected during the RI is presented in Tables 5 through 11. Concentration maps that indicate the locations of and summarize exceedances of UUSCOs and/or RRSCOs are included as Figures 3A through 3C.

2.5.6 Groundwater Contamination

2.5.6.1 Summary of Groundwater Data

The RIR documented that groundwater is contaminated with chlorinated solvent-related compounds, including cis-1,2-dichloroethylene and tetrachloroethylene (PCE), above their AWQSGVs in up to five samples. The highest concentration of PCE was detected in monitoring well MW-03, located on the southern portion of the Site. Based on the available historical data, PCE concentrations ranging from 8.4 µg/L (2006) to 96 µg/L

(2016), above the AQWSGVs, have been detected from groundwater samples collected from monitoring well SB-3P (installed previously by others) located in the southern portion of the Site. An in-situ chemical oxidation (ISCO) groundwater treatment was conducted as part of the remedial action (2017) and during the redevelopment of the west-adjacent La Central Parcel I redevelopment project (BCP Site Number C203086), to address a CVOCs hotspot. Based on the review of the available historical data (from SB-3P monitoring well) and current RI groundwater data collected from this area, the concentrations of CVOCs (specifically PCE) have reduced significantly following the groundwater treatment on the adjacent property and the concentrations appear to be following a downward trend.

Groundwater data collected are presented in Tables 12 through 18. A concentration map indicating the location and exceedances of AWQSGVs is included as Figure 4.

2.5.7 Soil Vapor Contamination

2.5.7.1 Summary of Soil Vapor Data

The RIR documented petroleum related- and chlorinated solvent-related compounds in soil vapor likely related to the Site's historic uses and/or surrounding uses. Petroleum-related and other VOCs including BTEX, n-heptane, n-hexane, tert butyl alcohol (TBA), n-propylbenzene, 2-butanone, acetone, 1,2,4-trimethylbenzene, and 2-hexanone were detected in the soil vapor samples at concentrations of up to 620 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) [acetone in RI-SV-01_20200526]; and solvent-related compounds including TCE, PCE, cis-1,2 DCE, 1,1,1-trichloroethane (111-TCA), carbon tetrachloride, and 1,1-dichloroethane were detected in the soil vapor samples at concentrations of up to 120 $\mu\text{g}/\mu\text{g}/\text{m}^3$ [PCE in RI-SV-10_20200526].

TCE was detected in samples RI-SV-04_20200522, RI-SV-08_20200527, and RI-SV-12_20200522 at concentrations of 3.5 $\mu\text{g}/\mu\text{g}/\text{m}^3$, 0.25 $\mu\text{g}/\text{m}^3$, and 0.78 $\mu\text{g}/\mu\text{g}/\text{m}^3$, respectively; and PCE was detected in all of the samples at concentrations ranging between 0.8 $\mu\text{g}/\text{m}^3$ to 120 $\mu\text{g}/\text{m}^3$. Methylene chloride was not detected in the samples. None of the analytes with NYSDOH Soil Vapor Intrusion/Indoor Air matrices were detected at a concentration that would require mitigation regardless of the concentration in indoor air.

Soil vapor data collected during the RI are presented in Table 19. Concentration maps showing the locations of the samples collected and summarizing soil vapor data are included as Figures 5A through 5C.

2.6 Environmental and Public Health Assessment

2.6.1 Qualitative Human Health Exposure Assessment (QHHEA)

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

The RI was sufficient to complete a QHHEA. The QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data from the RI was evaluated to determine whether there is a potential health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. The

QHHEA was prepared in accordance with Appendix 3B and Section 3.3 (b) 8 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation. The full QHHEA, which describes the contaminants of concern, potential routes of exposure, potential receptors, and existence of human health exposure pathways, is included in Section 6.0 of the RIR, which is provided in Appendix C.

2.6.2 Overall Human Health Exposure Assessment (HHEA)

The Site is mostly vacant and fenced off, and the majority of the Site is capped with asphalt, or gravel; however, Block 2363, Lot 1 is uncapped, and several openings/cracks were noted in the asphalt cap on Block 2361, Lot 50. These constitute existing potential exposure pathways from contaminants in exposed on-site soil and fill. However, these potential exposure pathways will be eliminated through the implementation of the Health & Safety Plan for the construction workers and of the Community Air Monitoring Plan to prevent off-site dust and vapor emissions.

Once redevelopment activities begin, there will be a potential exposure pathway from contaminated surface soil/fill to construction workers as these workers could potentially ingest, inhale, or have dermal contact with any exposed contaminated fill or soil. As development plans currently include dewatering, there will be an additional potential exposure pathway, as workers could potentially inhale off-gassing vapors or have dermal contact with contaminated groundwater. Without remediation, once redevelopment of the Site has been completed, there will be a potential exposure pathway from the potential off-gassing of residual organic vapors in the soil and/or groundwater to adult and child residents, maintenance staff, visitors, and commercial workers through cracks or openings in the foundations of the new buildings and surrounding buildings. There will also be a potential exposure pathway from dermal contact, inhalation, or ingestion of surface soil in any landscaped or non-capped areas by adult and child residents, visitors, and trespassers. In addition, there will be a potential exposure pathway from any dust emanating from the Site to off-site pedestrians, visitors, cyclists, and adult and child residents.

2.7 Remedial Action Objectives (RAOs)

Based on the results of the RI, the following RAOs have been identified for this Site.

2.7.1 Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants on air-borne soil particles or volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater contamination.

2.7.2 Soil Vapor

- Prevent potential impacts to public health resulting from the potential for, soil vapor intrusion into the proposed building at the Site.

2.7.3 Groundwater

RAOs for Public Health Protection

- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.
- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.

RAOs for Environmental Protection

- Restore groundwater aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Remove the source of groundwater or surface water contamination.

3.0 WASTE CLASSIFICATION

All work in this section will include implementation of the Quality Assurance Protection Plan (QAPP), provided as Appendix E, and the Site-specific Health and Safety Plan (HASP), provided in Appendix F, which includes on-site and community air monitoring procedures.

3.1 Waste Classification Sampling

Based on the proposed remedial excavation depths (see Figure 6), approximately 28,000 cubic yards of material are estimated to be disposed of off-site. To gain acceptance from disposal facilities, additional sampling is required. The proposed testing will include sampling and laboratory analyses intended to satisfy the analytical requirements of many soil disposal/receiving facilities. However, it is possible that once a specific facility is selected, additional testing and/or laboratory analysis may be required.

It is assumed that 18 soil borings will be advanced using a Geoprobe DPP and 36 grab and 5-point composite soil samples will be collected from the soil borings. Two sets set of samples (grab and composite) will be collected from each grid. The sample sets will be collected from the following depths: from immediately below the surface to 8 feet below existing grade; and from 8 to 15 feet below grade. The proposed grids are shown on Figure 7.

In accordance with the typical requirements of disposal facilities, the grab samples will be analyzed for VOCs plus 10 tentatively identified compounds (TICs) by EPA Method 8260. The five-point composite samples will be analyzed for SVOCs plus 20 TICs by EPA Method 8270; total Target Analyte List (TAL) metals and trivalent chromium; Toxicity Characteristic Leaching Procedure (TCLP) eight Resource Conservation and Recovery Act (RCRA) metals plus copper, nickel, and zinc; PCBs by EPA Method 8082; pesticides by EPA 8081; and cyanide; Extractable Petroleum Hydrocarbon (EPH); total petroleum hydrocarbons (TPH); hexavalent chromium; ignitability, corrosivity, and reactivity. One sample for paint filter by EPA Method 9095 will also be collected. TerraCore® sampling devices or equivalent will be used to collect the grab samples. It is noted that additional samples and or analysis may be required based on the results of this sampling and/or the chosen disposal facilities requirements.

4.0 DESCRIPTION OF REMEDIAL ACTION PLAN (RAP)

4.1 Evaluation Of Remedial Alternatives

This section includes a review of remedial alternatives that were considered for the remedy phase of the BCP. The purpose of completing the alternatives analysis is to identify, evaluate, and select a remedy to address the contamination identified by the RI. The RAOs for soil include source removal to prevent the potential for exposure and contaminant migration. The RAOs for soil vapor include preventing soil vapor from entering the proposed new Site building. The RAOs for groundwater include removal of source of groundwater contamination and preventing exposure to contaminants in groundwater. The following performance measures were used to complete the evaluation of remedial alternatives:

- Protection of human health and the environment;
- Compliance with standards, criteria, and guidance (SCGs);
- Short-term effectiveness and impacts;
- Long-term effectiveness and permanence;
- Reduction of toxicity, mobility, or volume of contaminated material;
- Implementability;
- Cost effectiveness;
- Community acceptance; and
- Land use.

The following remedial SCGs apply to the project, and are the performance criteria used to determine if the RAOs have been met:

- 6 NYCRR Part 375-6 Soil Cleanup Objectives
- New York State Groundwater Quality Standards – 6 NYCRR Part 703
- NYSDEC Ambient Water Quality Standards and Guidance Values – TOGS 1.1.1
- NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation – December 2002 (or later version if available)
- NYSDEC Draft Brownfield Cleanup Program Guide – May 2004
- NYSDOH Generic CAMP
- NYS Waste Transporter Permits – 6 NYCRR Part 364
- NYS Solid Waste Management Requirements – 6 NYCRR Part 360 and Part 364
- DER-23 – Citizen Participation Handbook for Remedial Programs (January 2010)
- 6 NYCRR Part 372 – Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (November 1998)
- 6 NYCRR Subpart 374-1 – Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities (November 1998)
- 6 NYCRR Subpart 374-3 – Standards for Universal Waste (November 1998)

- 6 NYCRR Part 375 – Environmental Remediation Programs (December 2006)
- 6 NYCRR Part 612 – Registration of Petroleum Storage Facilities (February 1992)
- 6 NYCRR Part 613 – Handling and Storage of Petroleum (February 1992)
- 6 NYCRR Part 614 – Standards for New and Substantially Modified Petroleum Storage Tanks (February 1992)
- 40 CFR Part 280 – Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks
- 29 CFR Part 1910.120 – Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 – Underground Injection Control Program

Additional regulations and guidance may be applicable, relevant, and appropriate to the remedial alternatives and will be complied with in connection with implementation of the remedial program. However, this list is intended to represent the principal SCGs, which should be considered in evaluating the remedial alternatives for the Site.

Remedial Alternative 1 – No Further Action

This alternative consists of allowing the Site to remain in its current condition. No remedial activities would occur under this remedy.

1. Protection of Human Health and the Environment – Not satisfied, as contaminated soil, groundwater, and soil vapor would remain and the potential for vapor intrusion into future on-site buildings would still exist.
2. Compliance with SCGs – Not satisfied, as contaminants would remain in soil (at concentrations that exceed NYSDEC Part 375 UUSCOs and RRSCO), groundwater, and in soil vapor.
3. Short-term Effectiveness and Impacts – Not satisfied, as there would be no measures in place to protect workers or the surrounding community from potential exposure to existing contaminated soil, groundwater or vapors if redevelopment were to occur; or at existing or future nearby off-site buildings.
4. Long-term Effectiveness and Permanence – Not satisfied, as potential exposure pathways identified in the QHHEA would remain after site redevelopment activities begin.
5. Reduction of Toxicity, Mobility, or Volume of Contaminated Material – Not satisfied, as the contaminated material would remain in place.
6. Implementability – Very feasible, as no personnel or regulatory approvals would be needed, and natural attenuation would be the only remedial plan utilized.
7. Cost Effectiveness – Very cost effective to proceed with no further action; however, this criterion is not satisfied, as it requires a comparison of cost to long/short term effectiveness and toxicity reduction, which would not be achieved.
8. Community Acceptance – Not satisfied, as this alternative will allow the contamination to remain in place.
9. Land Use – Not satisfied. Currently, the Site comprises three vacant lots. Its current use does not contribute to expanding affordable housing and community services in the surrounding area, which is part of a mayoral initiative set forth in New York City.

Remedial Alternative 2 – Track 1 Unrestricted Use Soil Cleanup Objectives (UUSCOs)

This alternative would include removal and/or treatment of all contaminated soil and groundwater to comply with UUSCOs and AWQSGVs.

1. Protection of Human Health and the Environment – Satisfied, as all soil above UUSCOs would be removed and groundwater treatment would be conducted, thus removing any source of VOCs in soil vapor.
2. Compliance with SCGs – Satisfied, as all soil above UUSCOs would be removed and groundwater treatment would be conducted to restore it to pre-release conditions, thus removing the source of VOC in soil vapor.
3. Short-term Effectiveness and Impacts – Effective in reducing soil contamination in the short-term, as all contaminated soil would be removed from the Site. There is, however, a risk of short-term impacts to Site workers and the community, as the process of excavating contaminated soil may cause the release of particulates and organic vapors. In addition, large scale dewatering would be needed to excavate the soil below the water table, which would increase potential exposures to contaminants in groundwater. This risk can be controlled by employing a community air monitoring plan (CAMP) and a health and safety plan (HASP) during remediation and construction.
4. Long-term Effectiveness and Permanence – Satisfied, as all soil above UUSCOs would be removed and VOCs in groundwater would be remediated to comply with AWQSGVs, which would lead to a reduction of soil vapor concentrations, and would allow for unrestricted use of the Site.
5. Reduction of Toxicity, Mobility, or Volume of Contaminated Material – As all soil above UUSCOs at the Site would be removed down to bedrock and contaminated groundwater would be treated, the toxicity, mobility, and the volume of contaminants would be greatly reduced. Additionally, as the source of soil vapor contamination would be removed, the concentrations of contaminants in soil vapor would be significantly reduced or eliminated completely.
6. Implementability – This alternative would require excavation ranging from approximately 20 to 60 feet bgs to reach the bedrock across the entire Site to remove all soil with contaminants above UUSCOs. This would also require large scale dewatering and treatment of water prior to discharge. In addition, extensive support of excavation would be required to be installed on all sides of the Site. While implementation is possible, the remedy would be difficult to achieve, as it would require additional costs and time beyond the proposed project schedule.
7. Cost Effectiveness – Not cost-effective, as it will require extensive structural support to excavate to all fill and native soil down to bedrock (approximately 20 to 60 feet below grade) Site-wide. Based on an average excavation depth of 40 feet bgs (averaging the depth to bedrock), approximately 89,500 cubic yards of material would need to be disposed of off-site to meet UUSCOs. Using the conversion factor of 1.5 tons per cubic yard, this equals approximately 134,250 tons. The market rate for the transportation and disposal of non-hazardous, regulated soils ranges from \$40-\$70 per ton. Using these rates, the soil disposal for this amount of contaminated material would be on the order of \$4,970,000, to \$9,397,500. Approximately 61,500 cubic yards of clean fill would then have to be imported prior to building construction to bring the Site up to grade. Using a market rate of \$30 per cubic yard of clean fill, this equals approximately \$1,845,000. To perform an excavation of this magnitude, extensive shoring and sheeting, and dewatering would have to be performed for an estimated cost of \$70,000,000. Inspection, testing and reporting associated with this work

was estimated at a rate of 10% of total costs (\$81,242,500), or approximately \$8,124,250. The cost for this alternative was estimated by combining these figures for an approximate total of \$89,366,750. This assumes the remedial work would be performed concurrent with the planned redevelopment of the Site.

8. Community Acceptance – Satisfied, as this alternative would be protective of human health and the environment, however it would take a significant amount of time and have the longest impact on the community.
9. Land Use – Satisfied, as this alternative would result in the cleanup of the Site for unrestricted use, which would allow for any type of future redevelopment that is permitted by zoning.

Remedial Alternative 3 –Combination of a Track 2 and Track 4 Remedy

Alternative 3 would include excavation of soil/fill exceeding RRSCOs within the proposed building footprint and excavation of soil/fill exceeding Track 4 RRSCOs in areas where a Track 2 Cleanup cannot be achieved. Excavation will extend to a minimum of 15 feet below grade within the building footprint to achieve a Track 2 Cleanup and is expected to extend to the water table, and approximately 2 to 6 feet in the Track 4 areas. Final excavation depths will be determined based upon the results of endpoint soil samples collected Site-wide; it is assumed that approximately 28,000 cubic yards of soil would need to be excavated. In addition, a minimum 20-mil vapor barrier membrane (see Appendix G for specifications) will be installed below the building slab to mitigate potential soil vapor intrusion. The areas where a Track 4 Cleanup would be achieved will include construction and maintenance of a composite cover system to prevent human exposure to residual contaminated soil/fill remaining under the Site. Although slightly elevated concentrations (exceeding AWQSGVs) of chlorinated solvents (CVOCs) were noted in the on-site groundwater (highest concentrations were noted in the southern portion), a contaminant source was not identified in the Site soil. The Site is located downgradient of the west-adjacent La Central Parcel I redevelopment project (BCP Site Number C203086) where groundwater ISCO treatment was conducted as part of the RA in 2017 to address the CVOCs hotspot. Based on the review of the available historic groundwater data from the southern portion (from SB-3P monitoring well installed by others) of the Site and current RI groundwater data collected from this area, the concentrations of CVOCs have reduced significantly following the groundwater treatment on the adjacent property and the concentration appear to be following a downward trend. Therefore, a groundwater treatment program is not warranted. In addition, groundwater is not used as potable water in the Bronx.

1. Protection of Human Health and the Environment – Satisfied, as any source(s) of contamination would be removed and any residual contamination would be covered by a composite cover system (in Track 4 areas) and a minimum 20-mil vapor barrier membrane beneath the building slab. Additionally, ICs and ECs would be implemented to prevent future exposure to any residual contamination. A sub-slab depressurization system (SSDS) cannot be installed beneath the foundation slab as the excavation for the basement will extend below the water table.
2. Compliance with SCGs – Satisfied, as any source(s) of contamination would be removed and soil would comply with RRSCOs and Track 4 RRSCOs, as applicable.
3. Short-term Effectiveness and Impacts – Satisfied, as this alternative would be effective in reducing soil/fill contaminant levels in the short term. Mitigation measures, including a HASP and CAMP, would protect and limit exposure of workers and the surrounding community to contaminated soil, particulates, groundwater, and/or soil vapors during soil removal.

4. Long-term Effectiveness and Permanence – Satisfied, as removal of any source(s) of contamination and the installation and maintenance of IC/ECs, as needed (including installation of a composite cover system and a vapor barrier membrane), would limit exposure of future occupants to any remaining contaminated soil/fill, groundwater, and/or soil vapor, thus achieving the RAOs.
5. Reduction of Toxicity, Mobility, or Volume of Contaminated Material – Satisfied, as the volume of contaminants at the Site would be reduced. Removal of most source material in soil/fill would reduce residual contaminant mobility into groundwater and soil vapor.
6. Implementability – Satisfied, as contaminated soil removal could be completed in a relatively short timeframe in conjunction with the proposed Site redevelopment, and the equipment and personnel needed to perform the proposed remedial actions are readily available. The soil/fill to be excavated and disposed of off-site will be classified as regulated soil. Landfill/beneficial reuse space for these types of materials is readily available.
7. Cost Effectiveness – Satisfied, as this alternative is the most cost effective.

Under this alternative, it is assumed that approximately 28,000 cubic yards, or 42,000 tons, of contaminated soil would be excavated and disposed of off-site, based on the data collected to date. The market rate for the transportation and disposal of non-hazardous, regulated soil ranges from \$40 to \$70 per ton. Using this range, the soil disposal for this project would be on the order of \$1,680,000 – \$2,940,000. Additionally, approximately 1,500 cubic yards of clean fill will be imported for use as the Site cap in the Track 4 areas. Using a market rate of \$30 per cubic yard of clean fill, this equals approximately \$45,000. To perform the remedial excavation, shoring and sheeting would be performed for an estimated cost of \$2,900,000. The Inspection, testing and reporting associated with this work was estimated at a rate of 10% of total costs (\$5,885,000), or approximately \$588,500. The cost for this alternative was estimated by combining these figures for an approximate total of \$6,473,500. This assumes the work would be performed concurrent with the planned Site redevelopment.

8. Community Acceptance –Satisfied, as this alternative would result in a more expedited cleanup of the Site while creating additional affordable housing options in the neighborhood area, which is part of a mayoral initiative set forth in New York City.
9. Land use – Satisfied, as this alternative would result in the cleanup of the Site while allowing for its redevelopment.

4.2 Selection of the Preferred Remedy

Remedial Alternative 1 (no action) allows the Site to remain in its current condition. This remedial alternative was reviewed and found to be unacceptable, since it would not achieve the RAOs. Therefore, this remedial alternative is not considered a feasible solution.

Remedial Alternative 2 (Track 1) was reviewed and found to be unacceptable, since it is not cost-effective and extremely difficult, if not infeasible to achieve from a redevelopment and construction standpoint without impact to adjacent properties. Therefore, this remedial alternative is not considered a feasible solution.

Remedial Alternative 3 (Track 2 and Track 4) achieves the RAOs while being cost-effective and implementable. After careful consideration with respect to the evaluation criteria listed, Remedial Alternative 3 is determined to be the preferred remedy, since it adequately addresses the subsurface contamination with the most cost-effective approach.

4.2.1 Zoning

The current zoning designation is C6-2 (residential and commercial). The proposed buildings will comply with all zoning codes and is below the allowable floor area ratios (FARs).

4.2.2 Applicable Comprehensive Community Master Plans or Land Use Plans

The Site is part of the larger “La Central” development project (CEQR No. 15HPD041X), which proposed the redevelopment of approximately 4.3 acres of City-owned properties with an approximately 1.1 million gross-square-foot (gsf) mixed-use development encompassing five separate buildings (Buildings A, B, and D are currently under construction) ranging from 9 stories to 25 stories in height. The overall development would consist of approximately 832 units of affordable housing, approximately 160 units of supportive housing, approximately 46,800 gsf of local retail and commercial space, an approximately 50,500 gsf YMCA facility, and approximately 32,700 gsf of other community facility space. The initial phase of the development, “La Central Phase I” (Sites A, B, and D), located south- and west-adjacent to the Site, partially opened in 2019. The development of this Site (La Central Phase II) will complete the La Central redevelopment. The goal of the project is to transform several underutilized City-owned properties into a thriving, financially viable, mixed-use development, and provide affordable and market-rate housing units, commercial and retail uses, and other neighborhood amenities.

The proposed Site redevelopment plan includes the construction of a two new multi-story, mixed-use, residential and commercial use buildings with courtyards, and a public skate park. The proposed redevelopment will include approximately 420 affordable dwelling units, approximately 2,086 square feet of commercial space, and approximately 18,484 square feet of community facility space. In addition, the plans include construction of a new 6,700-square foot public skate park.

4.2.3 Surrounding Property Uses

The surrounding area is predominantly commercial and residential with some automotive, manufacturing, open space/park land, institutional, and transportation uses. The proposed new residential building is consistent with the goals of the current zoning.

4.2.4 Citizen Participation Plan (CPP)

A CPP will be submitted to the NYSDEC following admission into the BCP. The contemplated remedy will comply with the CPP. The CPP and the NYSDEC-issued approval letter are included as Appendix H.

4.2.5 Environmental Justice (EJ) Concerns

The Site is location in an Environmental Justice Area. Environmental justice is defined as the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. Environmental justice efforts focus on improving the environment in communities, specifically minority and low-income communities, and addressing disproportionate adverse environmental impacts that may exist in those communities. The Site is located in an area with a sizable Hispanic-American and Black/African-American population nearby. Therefore, all future fact sheets will be translated into Spanish. The proposed redevelopment plan will alleviate concerns in connection with the Site’s current condition while providing

affordable housing units. EJ concerns will also be addressed through the requirements of the CPP.

4.2.6 Land Use Designations

The proposed redevelopment plan complies with the current land use designation for this Site. The proposed future use of the Site includes affordable housing, community facility, a public skate park, and commercial space. This use is consistent with current land use designations.

4.2.7 Population Growth Patterns

The population of the Bronx is expected to increase in the future. This project will help provide necessary affordable housing units to meet that need.

4.2.8 Accessibility to Existing Infrastructure

The Site is within walking distance of MTA's 3rd Ave-149th Street and Jackson Avenue stops for the 2 and 5 train, and the Bx15, Bx21, Bx4, Bx4A, and Bx19 bus stops. The area is also supplied with municipal sewers and water, electric, telephone, natural gas, and fiber-optic lines.

4.2.9 Proximity to Cultural Resources

There are no cultural resources located adjacent to the Site. Many cultural resources are easily accessed from the Site via public transportation or within walking distance, including St. Mary's Park, Bill Rainey Park, and the Yankee Stadium.

4.2.10 Proximity to Natural Resources

The Site is not located adjacent to any natural resources. However, natural resources such as parks and the waterfront are easily accessible from the Site via public transportation.

4.2.11 Off-Site Groundwater Impacts

Regional groundwater flows in an easterly direction. The results of the RI documented elevated concentrations of chlorinated VOCs in groundwater across the Site. Based on the concentration of these VOCs in on-site groundwater, off-site groundwater also may be affected; however, groundwater is not a source of drinking water in the Bronx. Also, the Applicant is a volunteer and the RI was limited to on-site groundwater.

4.2.12 Proximity to Floodplains

The Site is not located within the 100- or 500-year floodplain.

4.2.13 Geography and Geology of the Site

Based on an April 2015 survey of the Site by Gallas Surveying Group, the Site lies at an elevation of approximately 16.1 to 19.1 feet (sloping away towards the north) above the North American Vertical Datum (NAVD) of 1988 converted from the Borough of Bronx Highway Datum. Based on the RI, the stratigraphy of the Site, from the surface down, consists of fill material comprising sand, silt, and gravel with varying amounts of brick, concrete, wood, scrap metal, glass, plastic, and rubber extending from grade to 15 feet bgs. The historic fill was underlain by apparent native sand, gravel, and silt to boring termination depths (up to 20 feet bgs). Bedrock was not encountered during the RI and is expected at depths ranging from 20 to 60 feet bgs (based on previous investigation conducted on the adjacent property). Regional groundwater flows in an easterly direction.

4.2.14 Current Institutional Controls (ICs)

Currently, there are no known ICs at the Site.

4.3 Summary of Selected Remedial Actions (RAs)

Remedial Alternative 3 [Track 2 (RRSCOs) and Track 4] achieves the RAOs while being implementable and cost effective. After careful consideration with respect to the evaluation criteria listed, Remedial Alternative 3 is determined to be the preferred remedy, since it adequately addresses the subsurface contamination with the most cost-effective approach.

1. Excavation of soil/fill exceeding RRSCOs or to a minimum of 15 feet below grade within the building footprint to achieve a Track 2 remedy, and excavation of soil/fill exceeding Track 4 RRSCOs in the courtyard areas (in Lots 26 and 50) and in the skate park (Lot 1) where a Track 2 Cleanup cannot be achieved. The anticipated limits of excavation are shown on Figure 6.
2. Removal and off-site disposal of any petroleum storage tanks, fill ports, and vents and any associated grossly-contaminated soil, if encountered, in accordance with applicable regulations.
3. Installation of support of excavation necessary to enable excavation of contaminated soil/fill to achieve a Track 2 cleanup. These activities will comply with applicable landmark, vibration monitoring, and associated studies and plans and any local and state controlled inspections.
4. Implementation of a community air monitoring plan (CAMP) during all intrusive Site activities.
5. Screening for indications of contamination (by visual means, odor, and monitoring with PID) of soil during any intrusive Site work.
6. Appropriate off-site disposal of all materials removed from the Site in accordance with all federal, state, and local rules and regulations for handling, transport, and disposal. Waste disposal facilities will be selected based on data collected to date and waste classification sampling. Based on the requirements of the selected facilities, additional soil waste classification samples may be collected and analyzed as needed to obtain approval for soil disposal.
7. Collection and analysis of endpoint samples site-wide to evaluate the performance of the remedy with respect to attainment of the SCOs.
8. Importation of clean fill meeting the requirements of 6 New York City, Rules, and Regulations (NYCRR) Part 375-6.7(d) to replace the excavated soil and establish the designed grades and as part of the composite cover system in Track 4 areas. On-site soil that does not exceed the described excavation criteria (RRSCOs) for any constituent may be used anywhere on-site to backfill the excavation areas or re-grade the Site.
9. Inclusion of an Engineering Control in the new construction consisting of the installation of a minimum 20-mil thick vapor barrier membrane beneath the new building slab and behind the subgrade foundation walls to mitigate soil vapor intrusion in the building.
10. A soil vapor intrusion evaluation following the construction of the new buildings. The evaluation will include a provision for implementing additional actions recommended to address exposures related to soil vapor intrusion.

11. Construction and maintenance of a composite cover system in the Track 4 areas, which will consist of either a concrete slab, pavers or a 2-foot layer of clean fill (meeting RRSCOs and PGWSCOs) to prevent human exposure to residual contaminated soil/fill remaining under the Site.
12. Performance of remedial activities at the Site in accordance with this RAWP and the Department-issued Decision Document (DD). All deviations from this RAWP and/or the DD will be promptly reported to the NYSDEC for approval and will be fully explained in the Final Engineering Report (FER).
13. The imposition of an Institutional Control (IC) in the form of an Environmental Easement (EE) for the Site that will: require the remedial party/Site owner to complete and submit a periodic certification of ICs and Engineering Controls (ECs) to the Department in accordance with Part 375-1.8 (h)(3); allow the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws; restrict the use of groundwater as a source of potable or process water without necessary water quality treatment as determined by New York State Department of Health (NYSDOH); and require compliance with the Department-approved Site Management Plan (SMP).
14. Recording of an Environmental Easement, including ECs and ICs, to prevent future exposure to any residual contamination remaining at the Site.
15. Preparation of a SMP for long-term management of residual contamination, as required by the Environmental Easement, including plans for: (1) ICs and ECs, (2) monitoring, (3) operation and maintenance (if applicable), and (4) reporting.

5.0 REMEDIAL ACTION PROGRAM (RAP)

5.1 Governing Documents

5.1.1 Site-Specific Health & Safety Plan (HASP)

A Site-specific HASP and associated CAMP have been prepared for the Site and are included as Appendix F. All remedial work performed under this RAWP will be in compliance with governmental requirements, including Site and worker safety requirements mandated by the federal Occupational Health and Safety Administration (OSHA). Community air monitoring will be conducted during all intrusive Site activities in compliance with the NYSDOH Generic CAMP and the Site-Specific CAMP. Work zone monitoring will be performed for the health and safety of workers in accordance with action levels and guidance outlined in the HASP.

Community air monitoring will be performed via fixed stations at the perimeter of the Site during soil remediation and any tank removal activities. On the perimeter of the work zone, air monitoring will be performed periodically (at a minimum once per hour) on a roving basis with hand-held equipment based upon wind direction and the location of the intrusive work. The requirements of this RAWP and its appendices pertain to all remediation work performed at the Site until the issuance of a Certificate of Completion (CoC). The Volunteer and associated parties preparing the remedial documents submitted to the state and those performing the construction work, are completely responsible for the preparation of an appropriate HASP and for the appropriate performance of work according to that plan and applicable laws.

The Site Safety Officer (SSO) will be Tom Giordano of AKRF. Mr. Giordano's resume is included in Appendix I. Confined space entry is not anticipated for this project. If confined space entry becomes necessary, work will comply with all OSHA requirements to address the potential risk posed by combustible and toxic gases.

5.1.2 Quality Assurance Project Plan (QAPP)

Any sampling associated with this project will be conducted in accordance with the QAPP included in Appendix E, which details field screening and sampling methodologies, and sample submittal and reporting requirements. The QAPP includes the project team responsible for implementing the remediation requirements and provisions set forth in this RAWP.

5.1.3 Construction Quality Assurance Plan (CQAP)

The CQAP, provided as Appendix J, provides a detailed description of the observation and testing activities that will be used to monitor construction quality and confirm that remedial construction is in conformance with the remediation objectives and specifications.

5.1.4 Soil/Materials Management Plan (SMMP)

An SMMP is included in Section 6.4 of this document. The SMMP includes detailed plans for managing all soils/materials that are disturbed at the Site, including excavation, handling, storage, transport, and disposal. It also includes all of the procedures that will be applied to assure effective, nuisance-free performance in compliance with all applicable federal, state, and local laws and regulations.

5.1.5 Stormwater Pollution Prevention Plan (SWPPP)

Based on the size of the Site, a SWPPP would be required. A SWPPP that conforms to the requirements of NYSDEC Division of Water guidelines and New York State regulations will be prepared prior to the start of the remedial action.

5.1.6 Community Air Monitoring Plan (CAMP)

Community air monitoring will be performed via two fixed stations at the perimeter of the Site during soil remediation and any tank removal activities. On the perimeter of the work zone, air monitoring will be performed periodically (at a minimum once per hour) on a roving basis with hand-held equipment based upon wind direction and the location of the intrusive work. The CAMP was prepared as part of the Site-specific HASP, which is provided in Appendix F.

5.1.7 Contractors Site Operations Plan (SOP)

The Remedial Engineer (RE) or his/her representative will review all plans and submittals for this remedial project (including those previously listed and contractor and sub-contractor document submittals) and confirm that they are in compliance with this RAWP. The RE is responsible to ensure that all later document submittals for this remedial project, including contractor and sub-contractor document submittals, are in compliance with this RAWP. All remedial documents will be submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

5.1.8 Citizen Participation Plan (CPP)

A CPP will be approved by NYSDEC and NYSDOH after acceptance into the BCP. A Project Fact Sheet describing the approved plan for remedial action will be forwarded to persons on the Project contact list in accordance with the NYSDEC and NYSDOH-approved CPP.

A certification of mailing will be sent by the Volunteer to the NYSDEC project manager following the distribution of all Fact Sheets and notices that includes: (1) certification that the Fact Sheets were mailed; (2) the date they were mailed; (3) a copy of the Fact Sheet; (4) a list of recipients (contact list); and (5) a statement that the repository was inspected (specific date) and that it contained all of applicable project documents.

No changes will be made to the approved Fact Sheets authorized for release by NYSDEC without written consent of the NYSDEC. No other information, such as brochures and flyers, will be included with the Fact Sheet mailing. The NYSDEC-approved Citizen Participation Plan for this project is included as Appendix H.

The following local document repositories have been established for this Site and contains all applicable project documents:

Woodstock Library, NYPL
761 East 160th Street
Bronx, NY 10456
(718) 655-6255

Hours:

Monday: 10 AM – 6 PM
Tuesday: 10 PM – 6 PM
Wednesday: 10 AM – 6 PM

Thursday: 10 AM – 6 PM
Friday: 10 AM – 6 PM
Saturday: 10 AM – 5 PM
Sunday: Closed

And

Bronx Community Board District 1
3024 Third Avenue
Bronx, NY 10455

(718) 585-7117

Hours:
Monday – Friday: 9 AM – 5 PM

5.1 General Remedial Construction Information

5.1.1 Project Organization

Personnel responsible for implementation of this RAWP are included on the Organization Chart provided as Figure 8. Resumes of key personnel involved in the RA are included in Appendix I.

5.1.2 Remedial Engineer (RE)

The RE for this project will be Rebecca A. Kinal, P.E. The RE is a registered professional engineer licensed by the State of New York. The RE will have primary direct responsibility for implementation of the remedial program for the La Central Phase II project site (NYSDEC BCA Index No. TBD). The RE will certify in the FER that the remedial activities were observed by qualified environmental professionals (QEPs) under her supervision and that the remediation requirements set forth in this RAWP and any other relevant provisions of ECL 27-1419 have been achieved in full conformance with the RAWP. Other RE certification requirements are listed later in this RAWP.

The RE will coordinate the work of other contractors and subcontractors involved in all aspects of remedial construction, including soil excavation, stockpiling, characterization, removal and disposal, air monitoring, emergency spill response services, import of backfill material, and management of waste transport and disposal. The RE will be responsible for all appropriate communication with NYSDEC and NYSDOH.

The RE will review all pre-remedial plans submitted by contractors for compliance with this RAWP and will certify compliance in the FER. The RE will provide the certifications listed in Section 11.1 in the FER.

5.1.3 Remedial Action Construction Schedule

A schedule for performance of the remedial work is included in Section 12.0.

5.1.4 Work Hours

The hours for operation of remedial construction will conform to the New York City Department of Buildings (NYCDOB) construction code requirements, or construction permits or according to specific variances issued by that agency. NYSDEC will be

notified by the Volunteer of any unusual variances issued by the NYCDOB. NYSDEC reserves the right to deny alternate remedial construction hours.

5.1.5 Site Security and Traffic Control

The Site will be completely closed from public access by using secured construction fencing. No unauthorized personnel will be able to access the Site. During off hours, the action portions of the Site will be completely enclosed within a locked gate, if necessary.

It is not anticipated that traffic will be disrupted beyond normal contractor vehicle traffic going to and from the Site during construction. Any sidewalk closures required during the course of construction/remediation activities will be conducted in accordance with New York City Department of Transportation (NYCDOT) permits.

5.1.6 Contingency Plan

A contingency plan has been developed to describe the procedures to be followed upon discovery of an unknown source of contamination or AOC that may require remediation (USTs, stained soil, drums, etc.). The identification of an unknown source structure or unexpected contaminated media discovered by screening during invasive Site work will be promptly communicated by phone to NYSDEC's project manager. These findings will also be included in daily and periodic reports. If USTs or other previously unidentified contaminant sources are found during on-site remedial excavation or development related construction, sampling will be performed on product, sediment and surrounding soil, etc. Chemical analytical work will be for full scan parameters (target compound list (TCL) VOCs and SVOCs, TCL pesticides, PCBs, and TAL metals). These analyses will not be limited to Commissioner's Policy (CP)-51 parameters where tanks are identified without prior approval by NYSDEC.

5.1.7 Worker Training and Monitoring

All those who enter the work area while intrusive activities are being performed must recognize and understand the potential hazards to health and safety. All construction personnel upon entering the Site must attend a brief training meeting, its purpose being to:

- Make workers aware of the potential hazards they may encounter;
- Instruct workers on how to identify potential hazards;
- Provide the knowledge and skills necessary for them to perform the work with minimal risk to health and safety;
- Make workers aware of the purpose and limitations of safety equipment; and
- Ensure that they can safely avoid or escape from emergencies.

Construction personnel will be responsible for identifying potential hazards in the work zone. The project manager will be responsible for insuring that the training is conducted. Others who enter the Site must be accompanied by a suitably-trained construction worker. In addition, any site workers within the "work zone" will have received the OSHA 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) training and will be under a medical monitoring program. Current certifications for key personnel are included in Appendix I.

5.1.8 Agency Approvals

The Volunteer will be complying with all City Environmental Quality Review (CEQR) requirements for this Site. All permits or government approvals required for remedial construction have been, or will be, obtained prior to the start of remedial construction.

The planned end use of the Site is in conformance with the current zoning for the property as determined by the New York City Department of City Planning (NYCDCP). A CoC will not be issued for the project unless conformance with zoning designation is demonstrated.

A complete list of all local, regional, and national governmental permits, certificates, or other approvals or authorizations required to perform the remedial and development work will be included in the FER.

All planned remedial or construction work in regulated wetlands and adjacent areas will be specifically approved by the NYSDEC Division of Natural Resources to ensure that it meets the requirements for substantive compliance with those regulations prior to the start of construction. Nothing in the approved RAWP or its approval by NYSDEC should be construed as an approval for this purpose.

5.1.9 NYSDEC BCP Signage

Signs are optional for BCP sites and will be discussed with the NYSDEC Project Manager. If a sign is displayed, it will follow NYSDEC specifications for design and content, provided by the NYSDEC project manager.

5.1.10 Pre-Construction Meeting with NYSDEC

A pre-construction meeting with the NYSDEC will be scheduled prior to the start of major construction activities.

5.1.11 Emergency Contact Information

An emergency contact sheet with names and phone numbers is included in the Site-Specific HASP provided in Appendix F. That document will define the specific project contacts for use by NYSDEC and NYSDOH in the case of a day or night emergency.

5.2 Site Preparation

Prior to conducting any intrusive activities for Site remediation, the work zone(s), designated entry points, soil stockpile staging areas, decontamination zones, and truck routes will be established, as applicable. The Site plan will be updated as necessary to reflect any changes in operations during the course of the intrusive work. Particulate control measures, if necessary, will be implemented. Additional details of Site preparation activities are provided in the following sections.

5.2.1 Mobilization

Site mobilization involving Site security setup, equipment mobilization, utility mark outs and marking and staking excavation areas will be performed prior to undertaking any Site remediation activities.

5.2.2 Erosion and Sedimentation Controls

Erosion and sediment control measures will be installed at the Site prior to conducting any ground-intrusive work. These measures will be installed according to all applicable or relevant and appropriate federal, state, and local laws. The measures will provide for

abatement and control of environmental pollution arising from proposed remediation and construction activities. The control measures will include procedures for perimeter Site controls, stabilized construction pads at each construction entrance, equipment decontamination, drainage inlet protection, and particulate suppression. The RE, or her representative, will conduct routine inspections, any repairs and/or maintenance of control measures will be completed in a timely fashion to maintain the controls in proper working order. All vehicles leaving the project Site will be inspected to ensure that no soil adheres to the wheels or undercarriage of the vehicle leaving the Site. Any situations involving material spilled in transit or mud and dust tracked off-site will be remedied. The access routes will be inspected for road conditions, overhead clearance, and weight restrictions.

5.2.3 Stabilized Construction Entrance(s)

A crushed stone path will be constructed by the general contractor at all truck entrances for the Site. All trucks will drive over this path prior to leaving so that they do not get re-contaminated prior to departure from the Site. A laborer with a hose connected to a NYC fire hydrant will check the trucks as they leave. The hose will be used to wash off soil from the truck tires and body as it leaves the Site, as necessary. A fire hydrant permit must be obtained from the New York City Department of Environmental Protection (NYCDEP) prior to use.

5.2.4 Utility Marker and Easements Layout

The Volunteer and its contractors are solely responsible for the identification of utilities that might be affected by work under the RAWP and implementation of all required, appropriate, or necessary health and safety measures during performance of work under this RAWP. The Volunteer and its contractors are solely responsible for safe execution of all invasive and other work performed under this RAWP. The Volunteer and its contractors must obtain any local, state, or federal permits or approvals pertinent to such work that may be required to perform work under this RAWP. Approval of this RAWP by NYSDEC does not constitute satisfaction of these requirements.

The presence of utilities and easements on the Site has been investigated by the RE. It has been determined that no risk or impediment to the planned work under this RAWP is posed by utilities or easements on the Site.

5.2.5 Sheeting and Shoring

Appropriate management of structural stability of on-site or off-site structures during on-site activities including excavation is the sole responsibility of the Volunteer and its contractors. The Volunteer and its contractors are solely responsible for safe execution of all invasive and other work performed under this RAWP. The Volunteer and its contractors must obtain any local, state, or federal permits or approvals that may be required to perform work under this RAWP. Further, the Volunteer and its contractors are solely responsible for the implementation of all required, appropriate, or necessary health and safety measures during performance of work under the approved RAWP.

5.2.6 Equipment and Material Staging

Staging and storage of equipment and materials will be contained within the secured Site or within a secured area on the street/sidewalk in accordance with a NYCDOT permit. By the nature of the work involved in this project, equipment and materials will be moved to different areas within the secured Site as work progresses.

5.2.7 Decontamination Area

A decontamination area will be established adjacent to the work areas. The floor of the decontamination area will be covered with 6-millimeter plastic sheeting as necessary and bermed to prevent spreading of decontamination fluids or potential discharge to the ground surface.

All equipment in direct contact with known or potentially contaminated material will be either dedicated or decontaminated prior to handling less-contaminated material or removal from the Site. All liquids used in the decontamination procedure will be collected, stored and disposed of in accordance with federal, state, and local regulations. Personnel performing this task will wear the proper personal protective equipment (PPE) as prescribed in the HASP.

5.2.8 Site Fencing

The Site will be secured with a locking fence that will be placed around the entire perimeter. During all remedial activities, access to the Site will be limited and all persons entering the Site will be required to sign a logbook and meet all applicable health and safety requirements. The Site will be secured during non-working hours. Throughout the project, security patrols will be implemented during working and non-working hours.

5.2.9 Demobilization

Restoration of the excavation work will include backfilling and general Site earthwork to prepare for construction of the foundation elements and parking area. Upon completion of the remedial excavation work, any waste materials (i.e., plastic sheet, absorbent pads, etc.) and the decontamination pad will be removed from the Site for proper disposal.

5.3 Reporting

All daily and monthly reports will be included in the FER.

5.3.1 Daily Reports

Daily reports will be submitted to NYSDEC and NYSDOH project managers by the end of each day following the reporting period and will include:

- An update of progress made during the reporting day;
- Locations of work and quantities of material imported and exported from the Site;
- References to alphanumeric map for Site activities;
- A summary of any and all complaints with relevant details (names, phone numbers);
- A summary of CAMP findings, including excursions; and
- An explanation of notable Site conditions.

Daily reports are not intended to be the mode of communication for notification to the NYSDEC of emergencies (e.g., accident, spill), requests for changes to the RAWP, or other sensitive or time critical information. However, such conditions must also be included in the daily reports. Emergency conditions and changes to the RAWP will be addressed directly to NYSDEC project manager via personal communication.

Daily reports will include a description of daily activities keyed to an alpha-numeric map for the Site that identifies work areas. These reports will include a summary of air sampling results, odor and particulate exceedances, if any, and corrective actions, and any

complaints received from the public. The NYSDEC-assigned project number will appear on all reports.

A Site map that shows a predefined alphanumeric grid for use in identifying locations described in reports submitted to NYSDEC is attached as Figure 7.

5.3.2 Monthly Reports

Monthly reports prepared in accordance with DER-10 Section 5.7(b) will be submitted to NYSDEC and NYSDOH project managers by the tenth day of the month following the reporting period and will include, at a minimum:

- Activities relative to the Site during the previous reporting period and those anticipated for the next reporting period, including a quantitative presentation of work performed (i.e., tons of material exported and imported, etc.);
- Description of approved activity modifications, including changes of work scope and/or schedule;
- Sampling results received following internal data review and validation, as applicable; and
- An update of the remedial schedule including the percentage of project completion, unresolved delays encountered or anticipated that may affect the future schedule, and efforts made to mitigate such delays.

5.3.3 Other Reporting

Photographs will be taken of all remedial activities and submitted to the NYSDEC in digital (JPEG) format. Photos will illustrate all remedial program elements and will be of acceptable quality. Representative photos of the Site prior to any RAs will be provided. Representative photographs will be provided of each contaminant source, source area, and Site structures before, during, and after remediation. Photographs will be included in the daily reports as needed, and a comprehensive collection of photographs will be included as an appendix to the FER.

Job-site record keeping for all remedial work will be appropriately documented. These records will be maintained on-site at all times during the project and be available for inspection by NYSDEC and NYSDOH staff.

5.3.4 Complaint Management Plan

A log of all complaints from the public regarding nuisance or other Site conditions will be compiled by the project director. All complaints will be reported in the daily reports.

5.3.5 Deviations from the RAWP

All deviations from the RAWP will require prior approval from NYSDEC. These deviations will be recorded in both the monthly progress reports and in the FER. At a minimum, the report of the deviation will include the following:

- Reasons for deviating from the approved RAWP;
- Approval process to be followed for changes/editions to the RAWP; and
- Effect of the deviations on overall remedy.

6.0 REMEDIAL ACTION (RA): MATERIAL REMOVAL FROM SITE

Based on data collected to date, removal of materials from the Site will include: (1) excavation and off-site disposal of contaminated soil, as shown on Figure 6; and (2) removal of petroleum storage tanks, fill ports, and vents (if encountered). The amount of soil to be excavated is approximately 28,000 cubic yards. Additional soil/fill may have to be removed as part of remedial excavation based on the results of the waste classification and endpoint sampling. All contaminated soil removed from the Site will be disposed of at a facility(ies) licensed to accept such material. Proposed disposal facilities will be submitted to NYSDEC after completion of waste characterization sampling (See Section 3.0).

6.1 Soil Cleanup Objectives (SCOs)

The applicable SCOs for this Site are the Track 2 RRSCOs and Track 4 Cleanup.

Table 1 in the Executive Summary summarizes all analytes that exceed the SCOs proposed for this Remedial Action. Concentrations of analytes that exceed the SCOs proposed for this RA are provided on Figures 3A through 3C.

Soil and materials management on-site and off-site will be conducted in accordance with the SMMP, as described below. UST closures will, at a minimum, conform to criteria defined in DER-10.

6.2 Remedial Performance Evaluation (Post-Excavation Endpoint Sampling)

Excavation endpoint samples will be collected at the proposed locations shown on Figure 9. Additional post-excavation soil samples will be collected around any USTs encountered on the Site.

6.2.1 Endpoint Sampling Frequency

Based on the sampling frequency outlined in Section 5.4 of DER-10, endpoint sampling for the general remedial excavation will include one soil sample for every 900 square feet across the Site (67 total). Endpoint sampling locations will be biased to deepest excavation depths encountered throughout the Site. In addition, a total of five endpoint samples consisting of four sidewalls and one bottom sample will be obtained around any petroleum storage tank encountered and every 15 linear feet of trench for any associated piping.

6.2.2 Methodology

The excavation endpoint samples will be collected using a decontaminated stainless steel sampling trowel, hand auger, or a dedicated wooden tongue depressor and placed directly into pre-sterilized laboratory-issued containers. The sample containers will be properly labeled and immediately placed on ice within a cooler. Sample time, date, and location will be recorded on a chain of custody. The samples will be submitted to an Environmental Laboratory Approval Program (ELAP)-certified laboratory for analysis of VOCs by EPA Method 8260C, SVOCs by EPA Method 8270D, PCBs by EPA Method 8082A, Pesticides by EPA Method 8081B, TAL Metals by EPA Method 6000/7000, 1,4-dioxane by EPA Method 8270, and the standard list of 21 per- and polyfluoroalkyl substances (PFAS) compounds by modified EPA Method 537. The laboratory will follow the NYSDEC – Analytical Services Protocol (ASP) dated 1995 using NYSDEC ASP Category B deliverables. Further details regarding the specific sampling methodology and analytical procedures are presented in the QAPP, included as Appendix E.

6.2.3 Reporting of Results

The analytical results of the endpoint samples will be tabulated and compared to the UUSCOs and RRSCOs. The tabulated data and the laboratory reports will be included in the FER. All analytical data will be submitted in electronic data deliverable (EDD) format via EQUIS™.

6.2.4 Quality Assurance/Quality Control (QA/QC)

The fundamental QA objective with respect to accuracy, precision, and sensitivity of analysis for laboratory analytical data is to achieve the QC acceptance of the analytical protocol. The accuracy, precision, and completeness requirements will be addressed by the laboratory for all data generated. Collected samples will be appropriately packaged, placed in coolers, and shipped or delivered directly to the analytical laboratory by field personnel. Samples will be containerized in appropriate laboratory provided glassware and shipped in plastic coolers. Samples will be preserved to maintain a temperature of 4 °C. Decontamination of non-dedicated sampling equipment will consist of the following: gently tap or scrape to remove adhered soil; rinse with tap water; wash with Simple Green®/Alconox® detergent solution and scrub; rinse with tap water; rinse with distilled or deionized water; prepare field blanks by pouring distilled or deionized water over decontaminated equipment and collecting the water in laboratory provided containers.

One trip blank, one field blank, one blind duplicate sample, and one matrix spike/matrix spike duplicate (MS/MSD) will be collected per every 20 samples or sample delivery group (SDG) and submitted for analysis during the endpoint sampling event. The field blank(s), blind duplicate(s), and MS/MSD(s) will include all of the parameters included in the sample analysis while the trip blank will be analyzed for VOCs only. Additional QA/QC information is provided in the QAPP, provided as Appendix E.

6.2.5 Data Usability Summary Report (DUSR)

A qualified data validator (third-party) will review the endpoint sample laboratory reports and prepare a DUSR. The DUSR will be included in the FER.

6.2.6 Reporting of Endpoint Data in Final Engineering Report (FER)

The FER will include a detailed description of endpoint sampling activities, data summary tables, concentration figure showing endpoint sample locations and concentrations, DUSR, and laboratory reports. Chemical labs used for all end-point sample results and contingency sampling (if any) will be NYSDOH ELAP-certified. Endpoint sampling, including bottom and sidewall sampling, will be performed in accordance with DER-10 sample frequency requirements. The FER will provide a tabulated and map summary of all endpoint sample results and exceedances of SCOs.

6.3 Estimated Material Removal Quantities

The removal of materials from the Site will include: (1) excavation and off-site disposal of soil to comply with the SCOs, as shown on Figure 6 (approximately 28,000 cubic yards); and (2) removal of any USTs, fill ports, and vent lines encountered. Endpoint samples will be collected and analyzed to evaluate if the RRSCOs (Track 2 Cleanup) are achieved within the building footprint and will inform the need for further excavation with respect to attainment of SCOs. The endpoint samples collected from the proposed Track 4 areas will be used to document the remaining on-site contamination. It is noted that soil meeting the UUSCOs and RRSCOs may be reused as backfill on-site within the appropriate applicable Cleanup Track area to prepare for the

new building's foundation. It is noted that these quantities cannot be currently estimated, but will be tabulated and included in the FER, if any.

The limited amount of construction and demolition (C&D) material cannot be estimated at this time. The exact quantities will be included in the FER.

Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) may be brought in to replace the excavated soil and establish the grade at the Site, and as part of the composite Site cover in Track 4 areas. On-site soil that does not exceed the RRSCO excavation criteria for any constituent may be used anywhere on-site without pre-approval by the NYSDEC project manager.

6.4 Soil/Materials Management Plan (SMMP)

The SMMP describes the procedures to be performed during the handling of soil/fill materials on-site during all intrusive work.

6.4.1 Soil Screening Methods

Visual, olfactory, and PID soil screening and assessment will be performed by a QEP or experienced field geologist, engineer, or scientist under the direction of the RE during all remedial excavations. Soil screening will be performed regardless of when the invasive work is done and will include all excavation and invasive work performed during the remedy and development phase, such as excavations for foundations and utility work, prior to issuance of the CoC.

All primary contaminant sources (including, but not limited to, tanks and hotspots) identified during Site characterization, the remedial investigations, and the Remedial Action will be surveyed by a surveyor licensed to practice in the State of New York or located with a GPS survey to obtain exact coordinates on the Site. This information will be provided on maps in the FER.

Resumes have been provided in Appendix I for all personnel responsible for field screening (i.e., those representing the RE) of invasive work for unknown contaminant sources during remediation and development work.

6.4.2 Stockpile Methods

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by NYSDEC. Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced. Hay bales may be used as needed near catch basins, surface waters, and other discharge points. Water will be available on-site at suitable supply and pressure for use in particulate control.

6.4.3 Materials Excavation and Load Out

The RE or a QEP under her supervision will oversee all invasive work and the excavation and load-out of all excavated material.

The Volunteer and its contractors are solely responsible for safe execution of all invasive and other work performed under this RAWP.

The presence of utilities and easements on the Site has been investigated by the RE. It has been determined that no risk or impediment to the planned work under this RAWP is posed by utilities or easements on the Site. Loaded vehicles leaving the Site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance

with appropriate federal, state, local, and New York State Department of Transportation (NYSDOT) requirements (and all other applicable transportation requirements). Vehicles leaving the Site will not be overloaded. The RE's representative will make reasonable efforts to ensure that vehicles are not loaded beyond their NYSDOT weight rating and that all material is secured beneath the truck bed cover.

A truck wash will be operated on-site. The RE will be responsible for ensuring that all outbound trucks will be washed at the truck wash as necessary before leaving the Site until the remedial construction is complete.

Locations where vehicles enter or exit the Site will be inspected daily for evidence of off-site sediment tracking.

The RE's representative will be responsible for ensuring that all egress points for truck and equipment transport from the Site will be clean of dirt and other materials derived from the Site during Site remediation and development. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to Site-derived materials.

The Volunteer and associated parties preparing the remedial documents submitted to the state, and parties performing this work, are completely responsible for the safe performance of all invasive work, the structural integrity of excavations, and for structures that may be affected by excavations (such as building foundations and bridge footings).

The RE will ensure that Site development activities will not interfere with, or otherwise impair or compromise, remedial activities proposed in this RAWP.

All contaminated materials and structures that may be remediated (USTs, vaults and associated piping, transformers, etc.) will be removed and endpoint sampling completed before excavations related to Site development commence proximal to the hotspot or structure.

Development-related grading cuts and fills will not be performed without NYSDEC approval and will not interfere with, or otherwise impair or compromise, the performance of remediation required by this plan.

Mechanical processing of historical fill and contaminated soil on-site is prohibited.

All primary contaminant sources (including but not limited to tanks and hotspots) identified during Site characterization, Remedial Investigation, Supplemental Remedial Investigation, and Remedial Action will be surveyed by a surveyor licensed to practice in the State of New York or located with a GPS survey to obtain exact coordinates on the Site. The survey information will be shown on maps to be reported in the FER.

6.4.4 Materials Transport Off-Site

All transport of materials will be performed by licensed haulers in accordance with appropriate local, state, and federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Truck transport routes are as follows and shown on Figure 10:

- Trucks entering the Site will take the E 149th Street exit on Major Deegan Expressway and turn left onto Bergen Avenue. The Site will be on the right.
- Trucks leaving the Site will head west on 153rd Street; turn left onto 3rd Avenue; turn right onto 149th Street; and merge onto Major Deegan Expressway.

All trucks loaded with Site materials will exit the vicinity of the Site using only these approved truck routes. Proposed inbound and outbound truck routes to the Site are shown on Figure 10. This is the most appropriate route and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off-site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport.

Trucks will be prohibited from stopping and idling in the neighborhood outside the project Site. Egress points for truck and equipment transport from the Site will be kept clean of dirt and other materials during Site remediation and development. Queuing of trucks will be performed on-site to minimize off-site disturbance. Off-site queuing will be prohibited.

Material transported by trucks exiting the Site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used. All trucks will be washed prior to leaving the Site. Truck wash waters will be collected and disposed of off-site in an appropriate manner.

6.4.5 Materials Disposal Off-Site

The disposal facility(ies) information will be reported to the NYSDEC project manager after completion of waste characterization testing and prior to commencing the disposal activities. Based on the waste characterization results, a properly permitted waste disposal facility will be selected for off-site disposal. The disposal facility information including location will be reported to the NYSDEC PM prior to commencing the disposal activities.

The total quantity of material expected to be disposed off-site as part of the remedy is approximately 28,000 cubic yards. Final disposal quantities for each waste stream will be included in the FER.

All soil/fill/solid waste excavated and removed from the Site will be treated as contaminated and regulated material and will be disposed in accordance with all local, state (including 6 NYCRR Part 360), and federal regulations. If disposal of soil/fill from this Site is proposed for unregulated disposal (i.e., clean soil removed for development purposes), a formal request with an associated plan will be made to NYSDEC's project manager. Unregulated off-site management of materials from this Site is prohibited without formal NYSDEC approval.

Material that does not meet Track 1 UUSCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360-16 Registration Facility).

The following documentation will be obtained and reported by the RE for each disposal location used in this project to fully demonstrate and document that the disposal of material derived from the Site conforms with all applicable laws: (1) a letter from the RE or BCP Volunteer to the receiving facility describing the material to be disposed and

requesting formal written acceptance of the material. This letter will state that material to be disposed is contaminated material generated at an environmental remediation Site in New York State. The letter will provide the project identity and the name and phone number of the RE. The letter will include as an attachment a summary of all chemical data for the material being transported (including Site characterization data); and (2) a letter from all receiving facilities stating it is in receipt of the correspondence (above) and is approved to accept the material. These documents will be included in the FER.

Non-hazardous historic fill and contaminated soils taken off-site will be handled, at minimum, as a Municipal Solid Waste per 6NYCRR Part 360-1.2

Historical fill and contaminated soils from the Site are prohibited from being disposed at Part 360-16 Registration Facilities (also known as Soil Recycling Facilities).

Soils that are contaminated but non-hazardous and are being removed from the Site are considered by the Division of Materials Management (DMM) in NYSDEC to be Construction and Demolition (C&D) materials with contamination not typical of virgin soils. These soils may be sent to a permitted Part 360 landfill. They may be sent to a permitted C&D processing facility without permit modifications only upon prior notification of NYSDEC Region 2 DMM. This material is prohibited from being sent or redirected to a Part 360-16 Registration Facility. In this case, as dictated by DMM, special procedures will include, at a minimum, a letter to the C&D facility that provides a detailed explanation that the material is derived from a DER remediation Site, that the soil material is contaminated and that it must not be redirected to on-site or off-site Soil Recycling Facilities. The letter will provide the project identity and the name and phone number of the RE. The letter will include as an attachment a summary of all chemical data for the material being transported.

The FER will include an accounting of the destination of all material removed from the Site during this RA, including excavated soil, contaminated soil, historic fill, solid waste, and hazardous waste, non-regulated material, and fluids. Documentation associated with disposal of all material must also include records and approvals for receipt of the material. This information will also be presented in a tabulated form in the FER.

Bill of lading system or equivalent will be used for off-site movement of non-hazardous wastes and contaminated soils. This information will be reported in the FER.

Any hazardous wastes derived from on-site will be stored, transported, and disposed of in full compliance with applicable local, state, and federal regulations.

Appropriately licensed haulers will be used for material removed from this Site and will be in full compliance with all applicable local, state, and federal regulations.

Soil waste characterization will be performed for off-site disposal in a manner suitable to the receiving facility and in conformance with applicable permits. Sampling and analytical methods, sampling frequency, analytical results and QA/QC will be reported in the FER. All data available for soil/material to be disposed at a given facility must be submitted to the disposal facility with suitable explanation prior to shipment and receipt.

6.4.6 Materials Reuse On-Site

Chemical criteria for on-site reuse of material must be approved by NYSDEC prior to reuse. Materials planned for reuse (if any) will be segregated and stockpiled from materials slated for off-site disposal. Stockpiles will be placed on and covered with polyethylene sheeting. The stockpiled soil will be sampled and analyzed in accordance

with Table 5.4(e)10 on page 161 of DER-10 Technical Guidance for Investigation and Remediation. All of the materials to be reused on the Site will comply with UUSCOs or RRSCO, depending upon the Cleanup area. The RE will ensure that procedures defined for materials reuse in this RAWP are followed and that unacceptable material will not remain on-site.

Concrete crushing or processing on-site is prohibited. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the Site is prohibited for reuse on-site.

Contaminated on-site material, including historic fill and contaminated soil, removed for grading or other purposes will not be reused within a cover soil layer (if any), within landscaping berms, or as backfill for subsurface utility lines. This will be expressed in the final SMP.

6.4.7 Fluids Management

All liquids to be removed from the Site, including dewatering fluids, will be handled, transported and disposed in accordance with applicable local, state, and federal regulations. Liquids discharged into the New York City sewer system will be addressed through approval by the NYCDEP. Treatment of dewatering fluids may be required to meet the discharge requirements, as applicable. Dewatered fluids will not be recharged back to the land surface or subsurface of the Site. Dewatering fluids will be managed off-site. Discharge of water generated during remedial construction to surface waters (i.e., a local pond, stream, or river) is prohibited without a State Pollutant Discharge Elimination System (SPDES) permit.

6.4.8 Demarcation

In areas where a Track 2 cleanup cannot be achieved, a land survey will be performed by a New York State licensed surveyor after the completion of soil removal and any other invasive remedial activities, and prior to backfilling. The survey will define the top elevation of residual contaminated soils. A physical demarcation layer, consisting of orange snow fencing material or equivalent material, will be placed on this surface to provide a visual reference. This demarcation layer will constitute the top of the 'Residuals Management Zone', the zone that requires adherence to special conditions for disturbance of contaminated residual soils defined in the SMP. The survey will measure the grade covered by the demarcation layer before the placement of cover soils, pavement and sub-soils, structures, or other materials. This survey and the demarcation layer placed on this grade surface will constitute the physical and written record of the upper surface of the 'Residuals Management Zone' in the SMP. A map showing the survey results will be included in the FER and the SMP.

6.4.9 Backfill from Off-Site Sources

The importation of clean fill from off-site source(s) may be needed to backfill over-excavated areas (if any) in the Track 2 areas as part of the RA and for the 2-foot Site cover in the landscaped portions of the Site in the Track 4 areas. All materials proposed for import onto the Site will be approved by the RE and will be in compliance with provisions in this RAWP prior to receipt at the Site. Material proposed for import shall either be from a NYSDEC registered certified clean fill facility or other permitted facility. Any facility proposed for import shall undergo a facility history review and background check by the RE. Material from industrial sites, spill sites, other

environmental remediation sites or other potentially contaminated sites will not be imported to the Site. Solid waste will not be imported onto the Site.

Prior to import, soil will be segregated and tested at the source facility for analysis of VOCs, SVOCs, PCBs, pesticides, and TAL Metals at the frequency outlined in Table 5.4(e)10 in DER-10 on page 161 of the DER-10 Technical Guidance for Investigation and Remediation. The analytical results will be compared to Table 375-6.8(b) of 6 NYCRR Part 375 and submitted to NYSDEC for review and approval prior to importation and placement on-site.

All imported soils will meet NYSDEC approved backfill or cover soil quality objectives for this Site. These NYSDEC approved backfill or cover soil quality objectives are the lower of the protection of groundwater or the protection of public health SCOs for Restricted Residential Use as set forth in Table 375-6.8(b) of 6 NYCRR Part 375. Non-compliant soils will not be imported onto the Site without prior approval by NYSDEC. Nothing in this approved RAWP or its approval by NYSDEC should be construed as an approval for this purpose.

Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this Site, will not be imported onto the Site without prior approval by NYSDEC. Nothing in this RAWP should be construed as an approval for this purpose.

The FER will include the following certification by the RE: "I certify that all import of soils from off-site, including source evaluation, approval and sampling, has been performed in a manner that is consistent with the methodology defined in the Remedial Action Work Plan".

Solid waste will not be imported to the Site.

Trucks entering the Site with imported soils will be securely covered with tight fitting covers.

6.4.10 Stormwater Pollution Prevention

The erosion and sediment controls will be in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control. Erosion and sediment control measures will be installed at the Site prior to conducting ground-intrusive work. These measures will be installed in accordance with the Site-specific SWPPP and according to all applicable or relevant and appropriate federal, state, and local laws.

Any barriers and/or hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by NYSDEC. All necessary repairs shall be made immediately.

Accumulated sediments will be removed as required to keep the barrier and/or hay bale check functional. All undercutting or erosion of the silt fence toe anchor shall be repaired immediately with appropriate backfill materials. Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

Erosion and sediment control measures identified in this RAWP shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters.

6.4.11 Contingency Plan

If USTs or other previously unidentified contaminant sources are found during on-site remedial excavation or development related construction, sampling will be performed on product, sediment, and surrounding soils, etc. Chemical analytical work will be for full scan parameters (TCL VOCs, TCL SVOCs, TCL pesticides, PCBs, and TAL metals). These analyses will not be limited to CP-51 parameters where tanks are identified without prior approval by NYSDEC. Analyses will not be otherwise limited without NYSDEC approval.

Identification of unknown or unexpected contaminated media identified by screening during invasive Site work will be promptly communicated by phone to NYSDEC's project manager. These findings will be also included in daily and periodic electronic media reports.

6.4.12 Community Air Monitoring Plan (CAMP)

A Site-specific HASP containing a CAMP has been prepared for this Site and is enclosed as Appendix F. Community air monitoring and real-time air monitoring at the perimeter of the exclusion zone will be conducted during all intrusive Site activities in accordance with the NYSDOH Generic CAMP and as described in Section 2.6 of Appendix F. The CAMP requirements may be modified in consultation with NYSDEC for activities involving minimal soil disturbance (e.g., site preparation, pile installation, etc.).

All readings will be recorded and available for NYSDEC and NYSDOH personnel to review. Exceedances observed in the CAMP will be reported to NYSDEC and NYSDOH project managers and included in the daily report.

6.4.13 Odor, Particulate, and Nuisance Control Plan

The FER will include the following certification by the RE: "I certify that all invasive work during the remediation and all invasive development work were conducted in accordance with particulate and odor suppression methodology defined in the Remedial Action Work Plan."

Odor Control Plan

This odor control plan is capable of controlling emissions of nuisance odors off-site. Specific odor control methods to be used on a routine basis will include the use of a PID meter to screen for VOCs and olfactory observations by a field technician. If nuisance odors are identified, work will be halted and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified within 24 hours of all odor events and of all other complaints about the project. Implementation of all odor controls, including the halt of work, will be the responsibility of the Volunteer's RE, who is responsible for certifying the FER.

All necessary means will be employed to prevent on- and off-site nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soil. If foam is used, it will be removed after use. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding neighborhoods.

Where odor nuisances have developed during remedial work and cannot be corrected, or where the release of nuisance odors cannot otherwise be avoided due to on-site conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering excavation and handling areas under tented containment structures equipped with appropriate air venting/filtering systems.

Particulate Control Plan

A particulate suppression plan that addresses particulate management during invasive on-site work will include, at a minimum, the items listed below:

- Particulate suppression will be achieved through the use of a dedicated hose connected to a fire hydrant. The hose will be equipped with a nozzle capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Clearing and grubbing of the Sites will be done in stages to limit the area of exposed, non-vegetated soils vulnerable to particulate production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-site roads will be limited in total area to minimize the area required for water spraying.

Other Nuisances

A plan for rodent control will be developed and utilized by the contractor prior to and during Site clearing and Site grubbing, and during all remedial work.

A plan will be developed and utilized by the contractor for all remedial work and will conform, at a minimum, to NYCDEP noise control standards.

7.0 RESIDUAL CONTAMINATION TO REMAIN ON-SITE

Engineering and Institutional Controls (ECs and ICs) will be required to protect human health and the environment in the areas where a Track 4 remedy is implemented for residual contamination existing beneath the Site after the remedy is complete. These ECs and ICs are described hereafter. Long-term management of EC/ICs and of residual contamination will be executed under a Site-specific SMP that will be developed and included in the FER.

ECs will be implemented to protect public health and the environment by appropriately managing residual contamination.

The Controlled Property (the Site) will have the following EC system: an engineered composite cover system consisting of the concrete slab (in the skate park) and a 2-foot clean fill cover or an impervious pavement (in the courtyard area); and a minimum 20-mil vapor barrier installed beneath the building foundation slab and behind the subgrade foundation walls. The manufacturer's specifications for the vapor barrier are enclosed as Appendix G. A map showing the proposed composite cover types and locations is included as Figure 11.

The FER will report residual contamination on the Site in tabulated and map form. This will include presentation of exceedances of both UUSCOs and RRSCO.

8.0 ENGINEERING CONTROL (EC): COMPOSITE COVER SYSTEM AND A VAPOR BARRIER

Under the Track 4 remedy, contact with residual contaminated soils will be prevented by an engineered, composite cover system that will be constructed on the Site. This composite cover system will include a concrete slab in the skate park (Lot 1), and a minimum 2-foot layer of clean fill or an impervious pavement in the courtyard areas (Lot 26 and 50). Additionally, a vapor barrier membrane will be installed beneath the new buildings' foundation slab and behind the subgrade foundation walls to address any potential soil vapor intrusion. A set of the installation photos in addition to the "as built" drawings will be included in the FER.

9.0 INSTITUTIONAL CONTROLS (ICS)

ECs for residual contamination have been incorporated to render the overall Site remedy protective of public health and the environment. Two elements have been designed to ensure continual and proper management of residual contamination in perpetuity: an EE and an SMP.

A Site-specific EE will be recorded with New York City to provide an enforceable means of ensuring the continual and proper management of residual contamination and protection of public health and the environment in perpetuity or until released in writing by NYSDEC. It requires that the grantor of the EE and the grantor's successors and assigns adhere to all ECs and ICs placed on the Site by the NYSDEC-approved remedy. ICs provide restrictions on Site usage and mandate O&M and reporting measures for all ECs and ICs. The SMP describes appropriate methods and procedures to ensure compliance with all ECs and ICs that are required by the EE. Once the SMP has been approved by the NYSDEC, compliance with the SMP is required by the grantor of the EE and grantor's successors and assigns.

9.1 Environmental Easement (EE)

An EE, as defined in Article 71 Title 36 of the ECL, is required when residual contamination is left on-site after the RA is complete. As part of this remedy, an EE approved by NYSDEC will be filed and recorded with the New York City Register. The EE will be submitted as an appendix to the FER.

The EE renders the Site a Controlled Property. The EE must be recorded with the New York City Register before the CoC can be issued by NYSDEC. A series of ICs are required under this remedy to implement, maintain and monitor these ECs, prevent future exposure to residual contamination by controlling disturbances of the subsurface soil and restricting the use of the Site to restricted residential, commercial, or industrial use(s) only. These ICs are requirements or restrictions placed on the Site that are listed in, and required by, the EE. ICs can, generally, be subdivided between controls that support ECs, and those that place general restrictions on Site usage or other requirements. ICs in both of these groups are closely integrated with the SMP, which provides all of the methods and procedures to be followed to comply with this remedy.

The ICs that support the ECs are:

- Compliance with the EE by the Grantee and/or the Grantee's successors and adherence of all elements of the SMP is required;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs on the Site must be inspected and certified at a frequency and in a manner defined in the SMP;
- Groundwater, soil vapor, and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to Site Management for the Site must be reported at the frequency and in a manner defined in the SMP;
- On-site environmental monitoring devices, including but not limited to, groundwater monitor wells, must be protected and replaced as necessary to ensure proper functioning in the manner specified in the SMP; and
- Engineering Controls may not be discontinued without an amendment or extinguishment of the Environmental Easement.

Adherence to these ICs for the Site will be mandated by the EE and will be implemented under the SMP. The Site will also have a series of ICs in the form of Site restrictions and requirements. The Site restrictions that apply to the Site include:

- In-ground vegetable gardening and farming on the Site are prohibited;
- The use of groundwater underlying the Site is prohibited without treatment rendering it safe for intended purpose;
- All future activities on the Site that will disturb the residual management zone are prohibited unless they are conducted in accordance with the soil management provisions in the SMP;
- The Site may be used for restricted residential, commercial, or industrial use(s) only, provided the long-term ECs and ICs included in the SMP are employed;
- The Site may not be used for a higher level of use, such as residential or unrestricted use, without an amendment or extinguishment of this EE; and
- Grantor agrees to submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Site are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access the Site at any time to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow. This statement must be certified by an expert that the NYSDEC finds acceptable.

10.0 SITE MANAGEMENT PLAN (SMP)

Site management is the last phase of remediation and begins with the approval of the FER and issuance of the CoC for the RA. The SMP is submitted as part of the FER but will be written in a manner that allows its removal and use as a complete and independent document. Site management continues in perpetuity or until released in writing by NYSDEC. The property owner is responsible to ensure that all Site management responsibilities defined in the EE and the SMP are performed.

The SMP is intended to provide a detailed description of the procedures required to manage residual contamination left in place at the Site following completion of the Remedial Action in accordance with the BCA with the NYSDEC. This includes: (1) development, implementation, and management of all ECs and ICs; (2) development and implementation of monitoring systems and a Monitoring Plan; (3) development of a plan to operate and maintain any treatment, collection, containment, or recovery systems [including, where appropriate, preparation of an Operation and Maintenance Manual (O&MM)]; (4) submittal of Site Management Reports, performance of inspections and certification of results, and demonstration of proper communication of Site information to NYSDEC; and (5) defining criteria for termination of treatment system operation.

To address these needs, this SMP will include three plans: (1) an EC and IC Plan for implementation and management of ECs and ICs; (2) a Monitoring Plan for implementation of Site monitoring; and (3) a Site Management Reporting Plan for submittal of data, information, recommendations, and certifications to NYSDEC. The SMP will be prepared in accordance with the requirements in NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation and the guidelines provided by NYSDEC.

Site management activities, reporting, and EC/IC certification will be scheduled on a certification period basis. The certification period will be annually. The SMP will be based on a calendar year and will be due for submission to NYSDEC by March 1 of the year following the reporting period.

No exclusions for handling of residual contaminated soils will be provided in the SMP. All handling of residual contaminated material will be subject to provisions contained in the SMP.

11.0 FINAL ENGINEERING REPORT (FER)

A FER will be submitted to NYSDEC following implementation of the Remedial Action defined in this RAWP. The FER provides the documentation that the remedial work required under this RAWP has been completed and has been performed in compliance with this plan. The FER will provide a comprehensive account of the locations and characteristics of all material removed from the Site including the surveyed map(s) of all sources. The FER will include as-built drawings for all constructed elements, calculation, and manufacturer documentation for any treatment systems, certifications, manifests, bills of lading as well as the complete SMP (formerly the Operation and Maintenance Plan). The FER will provide a description of the changes in the Remedial Action from the elements provided in the RAWP and associated design documents. The FER will provide a tabulated summary of all performance evaluation sampling results and all material characterization results and other sampling and chemical analysis performed as part of the Remedial Action. The FER will provide test results demonstrating that all mitigation and remedial systems are functioning properly. The FER will be prepared in conformance with DER-10.

Where determined to be necessary by NYSDEC, a Financial Assurance Plan will be required to ensure the sufficiency of revenue to perform long-term operations, maintenance and monitoring tasks defined in the Site Management Plan and Environmental Easement. This determination will be made by NYSDEC in the context of the Final Engineering Report review.

The Final Engineering Report will include written and photographic documentation of all remedial work performed under this remedy.

The FER will provide a thorough summary of all residual contamination left on the Site after the remedy is complete. Residual contamination includes all contamination that exceeds the Track 1 Unrestricted Use SCO in 6NYCRR Part 375-6. A table that shows exceedances from Track 1 Unrestricted SCOs for all soil/fill remaining at the Site after the Remedial Action and a map that shows the location and summarizes exceedances from Track 1 Unrestricted SCOs for all soil/fill remaining at the Site after the Remedial Action will be included in the FER.

The FER will provide a thorough summary of all residual contamination that exceeds the SCOs defined for the Site in the RAWP and must provide an explanation for why the material was not removed as part of the Remedial Action. A table that shows residual contamination in excess of Site SCOs and a map that shows residual contamination in excess of Site SCOs will be included in the FER.

The FER will include an accounting of the destination of all material removed from the Site, including excavated contaminated soil, historic fill, solid waste, hazardous waste, non-regulated material, and fluids. Documentation associated with disposal of all material must also include records and approvals for receipt of the material. It will provide an accounting of the origin and chemical quality of all material imported onto the Site.

Before approval of a FER and issuance of a Certificate of Completion, all project reports must be submitted in digital form on electronic media (PDF).

11.1 Certifications

The following certification will appear in front of the Executive Summary of the FER. The certification will be signed by the RE, Rebecca A. Kinal, P.E., who is a Professional Engineer registered in New York State. This certification will be appropriately signed and stamped. The certification will include the following statements:

I, Rebecca A. Kinal, P.E., am currently a registered professional engineer licensed by the State of New York. I had primary direct responsibility for implementation of the remedial program for the La Central Phase II site (NYSDEC BCA Index TBD).

I certify that the Site description presented in this FER is identical to the Site descriptions presented in the Environmental Easement, the Site Management Plan, and the Brownfield Cleanup Agreement for the La Central Phase II site and related amendments.

I certify that the Remedial Action Work Plan dated [month day year] and Stipulations [if any] approved by the NYSDEC were implemented and that all requirements in those documents have been substantively complied with.

I certify that the remedial activities were observed by qualified environmental professionals under my supervision and that the remediation requirements set forth in the Remedial Action Work Plan and any other relevant provisions of ECL 27-1419 have been achieved.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and all operation and maintenance requirements applicable to the Site are contained in an Environmental Easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded. A Site Management Plan has been submitted by the Volunteer for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by the NYSDEC.

I certify that the export of all contaminated soil, fill, water or other material from the property was performed in accordance with the Remedial Action Work Plan, and were taken to facilities licensed to accept this material in full compliance with all Federal, State and local laws.

I certify that all import of soils from off-Site, including source approval and sampling, has been performed in a manner that is consistent with the methodology defined in the Remedial Action Work Plan.

I certify that all invasive work during the remediation and all invasive development work were conducted in accordance with dust and odor suppression methodology and soil screening methodology defined in the Remedial Action Work Plan.

I certify that all information and statements in this certification are true. I understand that a false statement made herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

It is a violation of Article 130 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 130, New York State Education Law.

12.0 PROPOSED PROJECT SCHEDULE

Activity	Time To Complete
BCP Pre-Application Meeting	May 8, 2020
Brownfield Cleanup Program (BCP) Application, Remedial Investigation Report (RIR), and Draft Remedial Action Work Plan (RAWP) Submission to NYSDEC	August 2020
NYSDEC Completeness Check of BCP Application and Determination that Application is Complete	September 2020
45-day Public Comment Period (Environmental News Bulletin, Newspaper)	October-November 2020
Execute BCP Agreement (BCA)	November 2020
Citizen Participation Plan (CPP) Submitted to NYSDEC	December 2020
Receive comments on Draft RAWP and RIR	November 2020
Submit revised RIR and RAWP	December 2020
Site Acquisition	December 2020
NYSDEC Approves RAWP and Issues Decision Document	December 2020/January 2021
Issue Remedial/Construction Notice Fact Sheet	January 2021
Begin Redevelopment (Construction) with Implementation of RAWP	January 2021
Submittal of Environmental Easement Package	By July 1, 2021
Draft Site Management Plan (SMP) Submitted to NYSDEC	By September 1, 2021
Draft Final Engineering Report (FER) and Fact Sheet	By October 1, 2021
NYSDEC and NYSDOH Approval of FER and SMP	By November 30, 2021

TABLES

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-SB-01_0-2_20200522	RI-SB-01_6-8_20200522	RI-SB-01_11-13_20200522	RI-SB-02_0-2_20200522	RI-SB-02_7-9_20200522
	Laboratory Sample ID		460-209487-15	460-209487-16	460-209487-17	460-209487-12	460-209487-13
	Date Sampled		5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020
	Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor		1	1	1	1	1
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 R	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,1,2-Trichloroethane	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,1-Dichloroethane	0.27	26	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,1-Dichloroethene	0.33	100	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,2-Dichlorobenzene	4.1	100	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,3-Dichlorobenzene	2.4	49	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
1,4-Dichlorobenzene	1.8	13	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
2-Hexanone	NS	NS	0.0069 U	0.0061 U	0.0044 U	0.0065 U	0.0073 U
Acetone	0.05	100	0.0083 U	0.0073 U	0.0053 U	0.0079 U	0.0087 U
Benzene	0.06	4.8	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Bromochloromethane	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Bromodichloromethane	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Bromoform	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Bromomethane	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Carbon Disulfide	NS	NS	0.0088 J	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Chlorobenzene	1.1	100	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Chloroethane	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Chloroform	0.37	49	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Chloromethane	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Cis-1,2-Dichloroethylene	0.25	100	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Cyclohexane	NS	NS	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Dibromochloromethane	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Dichlorodifluoromethane	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Ethylbenzene	1	41	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Isopropylbenzene (Cumene)	NS	NS	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
M,P-Xylenes	NS	NS	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Methyl Acetate	NS	NS	0.0069 UJ	0.0061 U	0.0044 U	0.0065 U	0.0073 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0069 U	0.0061 U	0.0044 U	0.0065 U	0.0073 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0069 U	0.0061 U	0.0044 U	0.0065 U	0.0073 U
Methylcyclohexane	NS	NS	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Methylene Chloride	0.05	100	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Styrene	NS	NS	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Tert-Butyl Methyl Ether	0.93	100	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Tetrachloroethylene (PCE)	1.3	19	0.0014 U	0.0084 J	0.0077	0.0013 U	0.0016
Toluene	0.7	100	0.0014 UJ	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Trans-1,2-Dichloroethene	0.19	100	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Trichloroethylene (TCE)	0.47	21	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.0012 U	0.00089 U	0.0013 U	0.0015 U
Vinyl Chloride	0.02	0.9	0.0014 UJ	0.0012 UJ	0.00089 UJ	0.0013 UJ	0.0015 UJ

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-SB-02_11-13_20200522	RI-SB-03_0-2_20200522	RI-SB-03_8-10_20200522	RI-SB-03_11-13_20200522	RI-SB-04_0-2_20200521
	Laboratory Sample ID		460-209487-14	460-209487-9	460-209487-10	460-209487-11	460-209410-14
	Date Sampled		5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/21/2020
	Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor		1	1	1	1	1
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,1,2-Trichloroethane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,1-Dichloroethane	0.27	26	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,1-Dichloroethene	0.33	100	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,2,3-Trichlorobenzene	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,2,4-Trichlorobenzene	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,2-Dichlorobenzene	4.1	100	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,2-Dichloroethane	0.02	3.1	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,2-Dichloropropane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,3-Dichlorobenzene	2.4	49	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
1,4-Dichlorobenzene	1.8	13	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
2-Hexanone	NS	NS	0.0064 U	0.0053 U	0.0079 U	0.0059 U	0.0068 U
Acetone	0.05	100	0.0077 U	0.018	0.022	0.0071 U	0.029
Benzene	0.06	4.8	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Bromochloromethane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Bromodichloromethane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Bromoform	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Bromomethane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Carbon Disulfide	NS	NS	0.0013 U	0.0014	0.0016 U	0.0012 U	0.0014 U
Carbon Tetrachloride	0.76	2.4	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Chlorobenzene	1.1	100	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Chloroethane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 UJ
Chloroform	0.37	49	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Chloromethane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Cis-1,2-Dichloroethylene	0.25	100	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Cis-1,3-Dichloropropene	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Cyclohexane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Dibromochloromethane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Dichlorodifluoromethane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Ethylbenzene	1	41	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0003 J
Isopropylbenzene (Cumene)	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
M,P-Xylenes	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.00098 J
Methyl Acetate	NS	NS	0.0064 U	0.0053 U	0.0079 U	0.0059 U	0.0068 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0064 U	0.0031 J	0.0079 U	0.0059 U	0.0068 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0064 U	0.0053 U	0.0079 U	0.0059 U	0.0068 U
Methylcyclohexane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Methylene Chloride	0.05	100	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.00049 J
Styrene	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Tert-Butyl Methyl Ether	0.93	100	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Tetrachloroethylene (PCE)	1.3	19	0.0044	0.0011 U	0.0038	0.0011 J	0.0014 U
Toluene	0.7	100	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Trans-1,2-Dichloroethene	0.19	100	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Trans-1,3-Dichloropropene	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Trichloroethylene (TCE)	0.47	21	0.00039 J	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Trichlorofluoromethane	NS	NS	0.0013 U	0.0011 U	0.0016 U	0.0012 U	0.0014 U
Vinyl Chloride	0.02	0.9	0.0013 UJ	0.0011 UJ	0.0016 UJ	0.0012 UJ	0.0014 UJ

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-SB-04_11-13_20200521	RI-SB-05_0-2_20200522	RI-SB-05_6-8_20200522	RI-SB-05_11-13_20200522	RI-SB-06_0-2_20200521
	Laboratory Sample ID		460-209410-15	460-209487-1	460-209487-2	460-209487-3	460-209410-4
	Date Sampled		5/21/2020	5/22/2020	5/22/2020	5/22/2020	5/21/2020
	Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor		1	1	1	1	1
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0012 R	0.0011 U	0.0011 U	0.0018 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0012 UJ	0.0011 U	0.0012 UJ	0.0018 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0012 UJ	0.0018 U
1,2,4-Trichlorobenzene	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
1,2-Dichlorobenzene	4.1	100	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
1,3-Dichlorobenzene	2.4	49	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
1,4-Dichlorobenzene	1.8	13	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
2-Hexanone	NS	NS	0.0058 U	0.006 U	0.0055 U	0.0056 U	0.0089 U
Acetone	0.05	100	0.0069 U	0.0072 U	0.0066 U	0.0067 U	0.053
Benzene	0.06	4.8	0.0012 U	0.0012 UJ	0.0011 U	0.0012 U	0.0018 U
Bromochloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Bromodichloromethane	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
Bromoform	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Bromomethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Carbon Disulfide	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.00083 J
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Chlorobenzene	1.1	100	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
Chloroethane	NS	NS	0.0012 UJ	0.0012 UJ	0.0011 U	0.0011 U	0.0018 UJ
Chloroform	0.37	49	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
Chloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
Cyclohexane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Dibromochloromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Ethylbenzene	1	41	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
M,P-Xylenes	NS	NS	0.0012 U	0.0012 UJ	0.00019 J	0.0011 U	0.001 J
Methyl Acetate	NS	NS	0.0058 U	0.006 R	0.0055 U	0.0056 U	0.0089 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0058 U	0.006 U	0.0055 U	0.0056 U	0.01
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0058 U	0.006 U	0.0055 U	0.0056 U	0.0089 U
Methylcyclohexane	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
Methylene Chloride	0.05	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.00041 J
Styrene	NS	NS	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
Tert-Butyl Methyl Ether	0.93	100	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Tetrachloroethylene (PCE)	1.3	19	0.0012 U	0.0005 JL	0.0011 U	0.00058 J	0.0018 U
Toluene	0.7	100	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0012 UJ	0.0011 U	0.0011 U	0.0018 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Trichloroethylene (TCE)	0.47	21	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0012 U	0.0011 U	0.0011 U	0.0018 U
Vinyl Chloride	0.02	0.9	0.0012 UJ	0.0012 UJ	0.0011 UJ	0.0011 UJ	0.0018 UJ

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-SB-06_11-13_20200521	RI-DUP-01_20200521	RI-SB-07_0-2_20200521	RI-SB-07_8-10_20200521	RI-SB-07_11-13_20200521
	Laboratory Sample ID	Date Sampled	460-209410-5	460-209410-16	460-209410-9	460-209410-10	460-209410-11
	Unit	Dilution Factor	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	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	0.0013 U	0.0028 U	0.0013 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,2-Dichlorobenzene	4.1	100	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,2-Dichloroethane	0.02	3.1	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,3-Dichlorobenzene	2.4	49	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
1,4-Dichlorobenzene	1.8	13	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
2-Hexanone	NS	NS	0.0055 U	0.006 U	0.0064 U	0.014 U	0.0065 U
Acetone	0.05	100	0.0067 U	0.015	0.019	0.017 U	0.0079 U
Benzene	0.06	4.8	0.0011 U	0.00096 J	0.00043 J	0.0028 U	0.0013 U
Bromochloromethane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Bromodichloromethane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Bromoform	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Bromomethane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Carbon Disulfide	NS	NS	0.0011 U	0.0016 J	0.00048 J	0.0028 U	0.0013 U
Carbon Tetrachloride	0.76	2.4	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Chlorobenzene	1.1	100	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Chloroethane	NS	NS	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.0028 UJ	0.0013 UJ
Chloroform	0.37	49	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Chloromethane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Cis-1,2-Dichloroethylene	0.25	100	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Cyclohexane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Dibromochloromethane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Ethylbenzene	1	41	0.0011 U	0.0003 J	0.00037 J	0.00059 J	0.0013 U
Isopropylbenzene (Cumene)	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
M,P-Xylenes	NS	NS	0.0011 U	0.0012	0.0013	0.0028 U	0.0013 U
Methyl Acetate	NS	NS	0.0055 U	0.006 U	0.0064 U	0.014 U	0.0065 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0055 U	0.006 U	0.0064 U	0.014 U	0.0065 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0055 U	0.006 U	0.0064 U	0.014 U	0.0065 U
Methylcyclohexane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Methylene Chloride	0.05	100	0.00065 J	0.0012 U	0.0013 U	0.0028 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0011 U	0.0008 J	0.00083 J	0.0028 U	0.0013 U
Styrene	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Tert-Butyl Methyl Ether	0.93	100	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Tetrachloroethylene (PCE)	1.3	19	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.00037 J
Toluene	0.7	100	0.0011 U	0.00034 J	0.0013 U	0.0031	0.0013 U
Trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Trichloroethylene (TCE)	0.47	21	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0012 U	0.0013 U	0.0028 U	0.0013 U
Vinyl Chloride	0.02	0.9	0.0011 UJ	0.0012 UJ	0.0013 UJ	0.0028 UJ	0.0013 UJ

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-SB-08_0-2_20200526	RI-SB-08_11-13_20200526	RI-SB-09_0-2_20200526	RI-SB-09_7-9_20200526	RI-SB-09_11-13_20200526
	Laboratory Sample ID		460-209651-10	460-209651-11	460-209651-16	460-209651-17	460-209651-18
	Date Sampled		5/26/2020	5/26/2020	5/26/2020	5/26/2020	5/26/2020
	Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor		1	1	1	1	1
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 UJ
1,1,2-Trichloroethane	NS	NS	0.0015 UJ	0.0011 UJ	0.0017 UJ	0.0017 UJ	0.0012 U
1,1-Dichloroethane	0.27	26	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0015 U	0.0011 UJ	0.0017 UJ	0.0017 UJ	0.0012 UJ
1,2,3-Trichlorobenzene	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
1,2-Dichlorobenzene	4.1	100	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
2-Hexanone	NS	NS	0.0077 UJ	0.0054 U	0.0083 U	0.0083 U	0.0058 U
Acetone	0.05	100	0.0093 U	0.0065 U	0.0099 U	0.0099 U	0.0069 U
Benzene	0.06	4.8	0.0015 UJ	0.0011 U	0.0017 U	0.0013 J	0.0012 U
Bromochloromethane	NS	NS	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Bromodichloromethane	NS	NS	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Bromoform	NS	NS	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Bromomethane	NS	NS	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Carbon Disulfide	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0015 J	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Chlorobenzene	1.1	100	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Chloroethane	NS	NS	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Chloroform	0.37	49	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Chloromethane	NS	NS	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Cyclohexane	NS	NS	0.0015 UJ	0.0011 UJ	0.0017 UJ	0.0017 UJ	0.0012 U
Dibromochloromethane	NS	NS	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Ethylbenzene	1	41	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
M,P-Xylenes	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Methyl Acetate	NS	NS	0.0077 U	0.0054 U	0.0083 U	0.0083 U	0.0058 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0077 U	0.0054 U	0.0083 U	0.0083 U	0.0058 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0077 UJ	0.0054 U	0.0083 U	0.0083 U	0.0058 U
Methylcyclohexane	NS	NS	0.0015 UJ	0.0011 UJ	0.0017 UJ	0.0017 UJ	0.0012 U
Methylene Chloride	0.05	100	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Styrene	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Toluene	0.7	100	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0015 UJ	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0015 U	0.0011 U	0.0017 U	0.0017 U	0.0012 U

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-SB-10_0-2_20200526	RI-SB-10_7-9_20200526	RI-SB-10_11-13_20200526	RI-SB-11_0-2_20200526	RI-SB-11_11-13_20200526
	Laboratory Sample ID		460-209651-3	460-209651-4	460-209651-5	460-209651-6	460-209651-7
	Date Sampled		5/26/2020	5/26/2020	5/26/2020	5/26/2020	5/26/2020
	Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor		1	1	1	1	50
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,1,2-Trichloroethane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,1-Dichloroethane	0.27	26	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 UJ
1,1-Dichloroethene	0.33	100	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 UJ
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,2-Dichlorobenzene	4.1	100	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,3-Dichlorobenzene	2.4	49	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
1,4-Dichlorobenzene	1.8	13	0.0014 U	0.00093 J	0.00094 U	0.0013 U	0.19 U
2-Hexanone	NS	NS	0.0068 U	0.0092 U	0.0047 U	0.0064 U	0.94 U
Acetone	0.05	100	0.0081 U	0.017	0.0056 U	0.0076 U	0.94 U
Benzene	0.06	4.8	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Bromochloromethane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Bromodichloromethane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Bromoform	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Bromomethane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 UJ
Carbon Disulfide	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Chlorobenzene	1.1	100	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Chloroethane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Chloroform	0.37	49	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Chloromethane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Cis-1,2-Dichloroethylene	0.25	100	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Cyclohexane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Dibromochloromethane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Dichlorodifluoromethane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Ethylbenzene	1	41	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.27
Isopropylbenzene (Cumene)	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.085 J
M,P-Xylenes	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.73
Methyl Acetate	NS	NS	0.0068 U	0.0092 U	0.0047 U	0.0064 U	0.94 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0068 U	0.0092 U	0.0047 U	0.0064 U	0.94 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0068 U	0.0092 U	0.0047 U	0.0064 U	0.94 U
Methylcyclohexane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Methylene Chloride	0.05	100	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.38
Styrene	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Tert-Butyl Methyl Ether	0.93	100	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Tetrachloroethylene (PCE)	1.3	19	0.0005 J	0.0017 J	0.0077	0.0013 U	0.19 U
Toluene	0.7	100	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.16 J
Trans-1,2-Dichloroethene	0.19	100	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Trichloroethylene (TCE)	0.47	21	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U
Vinyl Chloride	0.02	0.9	0.0014 U	0.0018 U	0.00094 U	0.0013 U	0.19 U

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-SB-12_0-2_20200521	RI-SB-12_11-13_20200521	RI-SB-13_0-2_20200526	RI-SB-13_11-13_20200526	RI-SB-14_0-2_20200526
	Laboratory Sample ID		460-209410-12	460-209410-13	460-209651-1	460-209651-2	460-209651-8
	Date Sampled		5/21/2020	5/21/2020	5/26/2020	5/26/2020	5/26/2020
	Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor		1	1	1	1	1
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,1,2,2-Tetrachloroethane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,1,2-Trichloroethane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,1-Dichloroethane	0.27	26	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,1-Dichloroethene	0.33	100	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,2,3-Trichlorobenzene	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,2,4-Trichlorobenzene	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,2-Dichlorobenzene	4.1	100	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,2-Dichloroethane	0.02	3.1	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,2-Dichloropropane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,3-Dichlorobenzene	2.4	49	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
1,4-Dichlorobenzene	1.8	13	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
2-Hexanone	NS	NS	0.0052 U	0.0046 U	0.007 U	0.0082 U	0.0077 U
Acetone	0.05	100	0.016	0.0056 U	0.0084 U	0.0059	0.0093 U
Benzene	0.06	4.8	0.0028	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Bromochloromethane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Bromodichloromethane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Bromoform	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Bromomethane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Carbon Disulfide	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0011 J	0.0015 U
Carbon Tetrachloride	0.76	2.4	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Chlorobenzene	1.1	100	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Chloroethane	NS	NS	0.001 UJ	0.00093 UJ	0.0014 U	0.0016 U	0.0015 U
Chloroform	0.37	49	0.001 U	0.00093 U	0.0014 U	0.0011 J	0.0015 U
Chloromethane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Cis-1,2-Dichloroethylene	0.25	100	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Cis-1,3-Dichloropropene	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Cyclohexane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Dibromochloromethane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Dichlorodifluoromethane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Ethylbenzene	1	41	0.00036 J	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Isopropylbenzene (Cumene)	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
M,P-Xylenes	NS	NS	0.0012	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Methyl Acetate	NS	NS	0.0052 U	0.0046 U	0.007 U	0.0082 U	0.0077 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0052 U	0.0046 U	0.007 U	0.0082 U	0.0077 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0052 U	0.0046 U	0.007 U	0.0082 U	0.0077 U
Methylcyclohexane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Methylene Chloride	0.05	100	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.00074 J	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Styrene	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Tert-Butyl Methyl Ether	0.93	100	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Tetrachloroethylene (PCE)	1.3	19	0.001 U	0.00093 U	0.0014 U	0.0021	0.0015 U
Toluene	0.7	100	0.00069 J	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Trans-1,2-Dichloroethene	0.19	100	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Trans-1,3-Dichloropropene	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Trichloroethylene (TCE)	0.47	21	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Trichlorofluoromethane	NS	NS	0.001 U	0.00093 U	0.0014 U	0.0016 U	0.0015 U
Vinyl Chloride	0.02	0.9	0.001 UJ	0.00093 UJ	0.0014 U	0.0016 U	0.0015 U

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-SB-14_9-11_20200526	RI-DUP-02_20200522	RI-SB-15_0-2_20200522	RI-SB-15_11-13_20200522	RI-SB-16_0-2_20200522
	Laboratory Sample ID		460-209651-9	460-209487-18	460-209487-7	460-209487-8	460-209487-4
	Date Sampled		5/26/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020
	Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor		1	1	1	1	1
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,1,2-Trichloroethane	NS	NS	0.0015 UJ	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,1-Dichloroethane	0.27	26	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,1-Dichloroethene	0.33	100	0.0015 UJ	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,2-Dichlorobenzene	4.1	100	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,2-Dichloropropane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,3-Dichlorobenzene	2.4	49	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
1,4-Dichlorobenzene	1.8	13	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
2-Hexanone	NS	NS	0.0076 U	0.0072 U	0.0076 U	0.0071 U	0.0051 U
Acetone	0.05	100	0.025	0.0086 U	0.0091 U	0.04	0.024
Benzene	0.06	4.8	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Bromochloromethane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Bromodichloromethane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Bromoform	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Bromomethane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Carbon Disulfide	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Carbon Tetrachloride	0.76	2.4	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Chlorobenzene	1.1	100	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Chloroethane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Chloroform	0.37	49	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Chloromethane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Cis-1,2-Dichloroethylene	0.25	100	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Cyclohexane	NS	NS	0.0015 UJ	0.0014 U	0.0015 U	0.0014 U	0.001 U
Dibromochloromethane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Dichlorodifluoromethane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Ethylbenzene	1	41	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Isopropylbenzene (Cumene)	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
M,P-Xylenes	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Methyl Acetate	NS	NS	0.0076 U	0.0072 U	0.0076 U	0.0071 U	0.0051 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0076 U	0.0072 U	0.0076 U	0.0045 J	0.0036 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0076 U	0.0072 U	0.0076 U	0.0071 U	0.0051 U
Methylcyclohexane	NS	NS	0.0015 UJ	0.0014 U	0.0015 U	0.0014 U	0.001 U
Methylene Chloride	0.05	100	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Styrene	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Tert-Butyl Methyl Ether	0.93	100	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Tetrachloroethylene (PCE)	1.3	19	0.0016	0.00027 J	0.0015 U	0.00056 J	0.001 U
Toluene	0.7	100	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Trans-1,2-Dichloroethene	0.19	100	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Trichloroethylene (TCE)	0.47	21	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Trichlorofluoromethane	NS	NS	0.0015 U	0.0014 U	0.0015 U	0.0014 U	0.001 U
Vinyl Chloride	0.02	0.9	0.0015 U	0.0014 UJ	0.0015 UJ	0.0014 UJ	0.001 UJ

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-SB-16_7-9_20200522	RI-SB-16_11-13_20200522	RI-SB-17_0-2_20200521	RI-SB-17_7-9_20200521	RI-SB-17_11-13_20200521
	Laboratory Sample ID		460-209487-6	460-209487-5	460-209410-6	460-209410-7	460-209410-8
	Date Sampled		5/22/2020	5/22/2020	5/21/2020	5/21/2020	5/21/2020
	Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor		1	1	1	1	1
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,2-Dichlorobenzene	4.1	100	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
2-Hexanone	NS	NS	0.0062 U	0.006 U	0.0077 U	0.0077 U	0.0058 U
Acetone	0.05	100	0.0074 U	0.0072 U	0.0093 U	0.0092 U	0.019
Benzene	0.06	4.8	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Bromochloromethane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Bromodichloromethane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Bromoform	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Bromomethane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Carbon Disulfide	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Chlorobenzene	1.1	100	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Chloroethane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Chloroform	0.37	49	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Chloromethane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Cyclohexane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Dibromochloromethane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Ethylbenzene	1	41	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
M,P-Xylenes	NS	NS	0.0012 U	0.0012 U	0.00059 J	0.0015 U	0.0012 U
Methyl Acetate	NS	NS	0.0062 U	0.006 U	0.0077 U	0.0077 U	0.0058 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0062 U	0.006 U	0.0077 U	0.0077 U	0.0042 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0062 U	0.006 U	0.0077 U	0.0077 U	0.0058 U
Methylcyclohexane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Methylene Chloride	0.05	100	0.0012 U	0.0012 U	0.00082 J	0.0015 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Styrene	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	0.00024 J	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Toluene	0.7	100	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0012 U	0.0012 U	0.0016 U	0.0015 U	0.0012 U

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-SB-18_0-2_20200521	RI-SB-18_8-10_20200521	RI-SB-18_11-13_20200521	RI-SB-19_0-2_20200526	RI-DUP-03_20200526
	Laboratory Sample ID		460-209410-1	460-209410-2	460-209410-3	460-209651-12	460-209651-19
	Date Sampled		5/21/2020	5/21/2020	5/21/2020	5/26/2020	5/26/2020
	Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor		1	1	1	1	1
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethane	0.27	26	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,1-Dichloroethene	0.33	100	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichlorobenzene	4.1	100	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,3-Dichlorobenzene	2.4	49	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
1,4-Dichlorobenzene	1.8	13	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
2-Hexanone	NS	NS	0.0072 U	0.011 U	0.0057 U	0.0054 U	0.0062 U
Acetone	0.05	100	0.023	0.013 U	0.022	0.0065 U	0.0075 U
Benzene	0.06	4.8	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Bromochloromethane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Bromodichloromethane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Bromoform	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Bromomethane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Carbon Disulfide	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Chlorobenzene	1.1	100	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Chloroethane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Chloroform	0.37	49	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Chloromethane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Cis-1,2-Dichloroethylene	0.25	100	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Cyclohexane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Dibromochloromethane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Dichlorodifluoromethane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0037
Ethylbenzene	1	41	0.0014 U	0.0022 U	0.00045 J	0.0011 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
M,P-Xylenes	NS	NS	0.0014 U	0.0022 U	0.00076 J	0.0011 U	0.0012 U
Methyl Acetate	NS	NS	0.0072 U	0.011 U	0.0057 U	0.0054 U	0.0062 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0072 U	0.011 U	0.0057 U	0.0054 U	0.0062 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0072 U	0.011 U	0.0057 U	0.0054 U	0.0062 U
Methylcyclohexane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Methylene Chloride	0.05	100	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0014 U	0.0022 U	0.00044 J	0.0011 U	0.0012 U
Styrene	NS	NS	0.0014 U	0.0022 U	0.00053	0.0011 U	0.0012 U
Tert-Butyl Methyl Ether	0.93	100	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	19	0.0014 U	0.0022 U	0.0011 U	0.0012	0.0012 U
Toluene	0.7	100	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Trichloroethylene (TCE)	0.47	21	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U
Vinyl Chloride	0.02	0.9	0.0014 U	0.0022 U	0.0011 U	0.0011 U	0.0012 U

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-SB-19_11-13_20200526	RI-SB-20_0-2_20200526	RI-SB-20_11-13_20200526	RI-FB-01_20200522	RI-FB-02_20200526
	Laboratory Sample ID		460-209651-13	460-209651-14	460-209651-15	460-209487-20	460-209651-20
	Date Sampled		5/26/2020	5/26/2020	5/26/2020	5/22/2020	5/26/2020
	Unit		mg/kg	mg/kg	mg/kg	µg/L	µg/L
	Dilution Factor		1	1	1	1	1
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	0.0014 UJ	0.0012 UJ	0.0014 UJ	1 U	1 U
1,1-Dichloroethane	0.27	26	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,1-Dichloroethene	0.33	100	0.0014 UJ	0.0012 UJ	0.0014 UJ	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,2-Dichlorobenzene	4.1	100	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,2-Dichloropropane	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,3-Dichlorobenzene	2.4	49	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
2-Hexanone	NS	NS	0.0072 U	0.0059 U	0.007 U	5 U	5 U
Acetone	0.05	100	0.0087 U	0.0071 U	0.016	5 U	5 U
Benzene	0.06	4.8	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Bromochloromethane	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Bromodichloromethane	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Bromoform	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Bromomethane	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 UJ	1 UJ
Carbon Disulfide	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Chlorobenzene	1.1	100	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Chloroethane	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Chloroform	0.37	49	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Chloromethane	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Cyclohexane	NS	NS	0.0014 UJ	0.0012 UJ	0.0014 UJ	1 U	1 U
Dibromochloromethane	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	0.0041	0.0012 U	0.0014 U	1 U	1 U
Ethylbenzene	1	41	0.0014 U	0.0012 U	0.0029 J	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
M,P-Xylenes	NS	NS	0.0014 U	0.0012 U	0.0044 J	1 U	1 U
Methyl Acetate	NS	NS	0.0072 U	0.0059 U	0.007 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0072 U	0.0059 U	0.007 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	0.0072 U	0.0059 U	0.007 U	5 U	5 U
Methylcyclohexane	NS	NS	0.0014 UJ	0.0012 UJ	0.0014 UJ	1 U	1 U
Methylene Chloride	0.05	100	0.0014 U	0.0012 U	0.0014 U	1 U	1.7
O-Xylene (1,2-Dimethylbenzene)	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Styrene	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Toluene	0.7	100	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Trichloroethylene (TCE)	0.47	21	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Trichlorofluoromethane	NS	NS	0.0014 U	0.0012 U	0.0014 U	1 U	1 U
Vinyl Chloride	0.02	0.9	0.0014 U	0.0012 U	0.0014 U	1 U	1 U

Table 5
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Volatile Organic Compounds (VOCs)

Compound	AKRF Sample ID		RI-FB-03_20200526	RI-TB-01_20200521	RI-TB-02_20200522	RI-TB-03_20200526
	Laboratory Sample ID	Date Sampled	460-209651-22	460-209410-17	460-209487-21	460-209651-24
	Unit	Dilution Factor	µg/L	µg/L	µg/L	µg/L
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	1 U	1 U	1 U	1 U
1,1-Dichloroethane	0.27	26	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.33	100	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	NS	NS	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	1 U	1 UJ	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	3.1	1 U	1 U	1 U	1 U
1,2-Dichloropropane	NS	NS	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	2.4	49	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	13	1 U	1 U	1 U	1 U
2-Hexanone	NS	NS	5 U	5 U	5 U	5 U
Acetone	0.05	100	5.1	6.7	5.6	5 U
Benzene	0.06	4.8	1 U	1 U	1 U	1 U
Bromochloromethane	NS	NS	1 U	1 U	1 U	1 U
Bromodichloromethane	NS	NS	1 U	1 U	1 U	1 U
Bromoform	NS	NS	1 U	1 UJ	1 U	1 U
Bromomethane	NS	NS	1 UJ	1 U	1 UJ	1 UJ
Carbon Disulfide	NS	NS	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.76	2.4	1 U	1 U	1 U	1 U
Chlorobenzene	1.1	100	1 U	1 U	1 U	1 U
Chloroethane	NS	NS	1 U	1 U	1 U	1 U
Chloroform	0.37	49	1 U	1 U	1 U	1 U
Chloromethane	NS	NS	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.25	100	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	1 U	1 U	1 U	1 U
Cyclohexane	NS	NS	1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	1 U	1 U	1 U	1 U
Ethylbenzene	1	41	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS	1 U	1 U	1 U	1 U
Methyl Acetate	NS	NS	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	NS	1 U	1 U	1 U	1 U
Methylene Chloride	0.05	100	1.6	1 UJ	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	1 U	1 U	1 U	1 U
Styrene	NS	NS	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	0.93	100	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	19	1 U	1 U	1 U	1 U
Toluene	0.7	100	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	1 U	1 UJ	1 U	1 U
Trichloroethylene (TCE)	0.47	21	1 U	1 U	1 U	1 U
Trichlorofluoromethane	NS	NS	1 U	1 U	1 U	1 U
Vinyl Chloride	0.02	0.9	1 U	1 U	1 U	1 U

Table 6
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

Compound	AKRF Sample ID		RI-SB-01_0-2_20200522	RI-SB-01_6-8_20200522	RI-SB-01_11-13_20200522	RI-SB-02_0-2_20200522	RI-SB-02_7-9_20200522	RI-SB-02_11-13_20200522
	Laboratory Sample ID	Date Sampled	460-209487-15	460-209487-16	460-209487-17	460-209487-12	460-209487-13	460-209487-14
	Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor	1	1	1	1	1	50	1
	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.16 U	0.15 U	0.14 U	0.15 U	8 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.16 U	0.15 U	0.14 U	0.15 U	8 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
2,4-Dinitrophenol	NS	NS	0.31 U	0.29 U	0.28 U	0.29 U	16 UJ	0.29 U
2,4-Dinitrotoluene	NS	NS	0.079 U	0.074 U	0.072 U	0.074 U	4 U	0.074 U
2,6-Dinitrotoluene	NS	NS	0.079 U	0.074 U	0.072 U	0.074 U	4 U	0.074 U
2-Chloronaphthalene	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
2-Chlorophenol	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
2-Methylnaphthalene	NS	NS	0.079 J	0.36 U	0.35 U	0.012 J	9.9 J	0.01 J
2-Methylphenol (O-Cresol)	0.33	100	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
2-Nitroaniline	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
2-Nitrophenol	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.15 U	0.14 U	0.15 U	8 U	0.15 U
3-Nitroaniline	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 U	0.29 U	0.28 U	0.29 U	16 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
4-Chloroaniline	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
4-Nitroaniline	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
4-Nitrophenol	NS	NS	0.79 U	0.74 U	0.72 U	0.74 U	40 U	0.74 U
Acenaphthene	20	100	0.25 J	0.36 U	0.35 U	0.37 U	24	0.37 U
Acenaphthylene	100	100	0.091 J	0.36 U	0.35 U	0.096 J	1.5 J	0.37 U
Acetophenone	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
Anthracene	100	100	0.79	0.012 J	0.024 J	0.13 J	71	0.031 J
Atrazine	NS	NS	0.16 U	0.15 U	0.14 U	0.15 U	8 U	0.15 U
Benzaldehyde	NS	NS	0.022 J	0.36 UJ	0.35 UJ	0.37 UJ	20 UJ	0.37 UJ
Benzo(a)Anthracene	1	1	2.6	0.043	0.08	0.57	120	0.061
Benzo(a)Pyrene	1	1	2.7	0.03 J	0.07	0.58	95	0.045
Benzo(b)Fluoranthene	1	1	3.4	0.044	0.11	0.91	120	0.052
Benzo(g,h,i)Perylene	100	100	1	0.018 J	0.026 J	0.22 J	27	0.022 J
Benzo(k)Fluoranthene	0.8	3.9	1.1	0.019 J	0.027 J	0.29	46	0.026 J
Benzyl Butyl Phthalate	NS	NS	0.032 J	0.36 U	0.35 U	0.019 J	20 U	0.37 U
Biphenyl (Diphenyl)	NS	NS	0.031 J	0.36 U	0.35 U	0.37 U	2.8 J	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.039 U	0.036 U	0.035 U	0.037 U	2 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.14 J	0.36 U	0.35 U	0.15 J	20 U	0.37 U
Caprolactam	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
Carbazole	NS	NS	0.22 J	0.36 U	0.013 J	0.05 J	20	0.37 U
Chrysene	1	3.9	2.4	0.037 J	0.08 J	0.58	100	0.05 J
Dibenz(a,h)Anthracene	0.33	0.33	0.29	0.036 U	0.035 U	0.069	12	0.037 U
Dibenzofuran	7	59	0.17 J	0.36 U	0.0081 J	0.025 J	23	0.013 J
Diethyl Phthalate	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
Dimethyl Phthalate	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
Fluoranthene	100	100	4.6	0.066 J	0.15 J	1.1	240	0.1 J
Fluorene	30	100	0.29 J	0.36 U	0.011 J	0.05 J	40	0.018 J
Hexachlorobenzene	0.33	1.2	0.039 U	0.036 U	0.035 U	0.037 U	2 U	0.037 U
Hexachlorobutadiene	NS	NS	0.079 U	0.074 U	0.072 U	0.074 U	4 U	0.074 U
Hexachlorocyclopentadiene	NS	NS	0.39 UJ	0.36 UJ	0.35 UJ	0.37 UJ	20 U	0.37 UJ
Hexachloroethane	NS	NS	0.039 U	0.036 U	0.035 U	0.037 U	2 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	1.2	0.021 J	0.029 J	0.25	37	0.025 J
Isophorone	NS	NS	0.16 U	0.15 U	0.14 U	0.15 U	8 U	0.15 U
Naphthalene	12	100	0.17 J	0.015 J	0.035 U	0.047 J	24	0.029 J
Nitrobenzene	NS	NS	0.039 U	0.036 U	0.035 U	0.037 U	2 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.039 U	0.036 U	0.035 U	0.037 U	2 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
Pentachlorophenol	0.8	6.7	0.31 UJ	0.29 UJ	0.28 UJ	0.29 UJ	16 U	0.29 UJ
Phenanthrene	100	100	3.4	0.056 J	0.16 J	0.68	240	0.11 J
Phenol	0.33	100	0.39 U	0.36 U	0.35 U	0.37 U	20 U	0.37 U
Pyrene	100	100	4	0.064 J	0.13 J	0.89	210	0.1 J

Table 6
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

Compound	AKRF Sample ID		RI-SB-03_0-2_20200522	RI-SB-03_8-10_20200522	RI-SB-03_11-13_20200522	RI-SB-04_0-2_20200521	RI-SB-04_11-13_20200521	RI-SB-05_0-2_20200522
	Laboratory Sample ID		460-209487-9	460-209487-10	460-209487-11	460-209410-14	460-209410-15	460-209487-1
	Date Sampled		5/22/2020	5/22/2020	5/22/2020	5/21/2020	5/21/2020	5/22/2020
Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dilution Factor		1	5	1	1	1	1	1
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.78 U	0.18 U	0.15 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.78 U	0.18 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
2,4-Dinitrophenol	NS	NS	0.3 U	1.6 U	0.38 U	0.29 U	0.3 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.075 U	0.39 U	0.091 U	0.074 U	0.077 U	0.078 U
2,6-Dinitrotoluene	NS	NS	0.075 U	0.39 U	0.091 U	0.074 U	0.077 U	0.078 U
2-Chloronaphthalene	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
2-Chlorophenol	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
2-Methylnaphthalene	NS	NS	0.013 J	0.26 J	0.022 J	0.043 J	0.38 U	1.1
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
2-Nitroaniline	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
2-Nitrophenol	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.78 U	0.18 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	1.6 U	0.36 U	0.29 U	0.3 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
4-Chloroaniline	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
4-Methylphenol (P-Cresol)	0.33	100	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
4-Nitroaniline	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
4-Nitrophenol	NS	NS	0.75 U	3.9 U	0.91 U	0.74 U	0.77 U	0.78 U
Acenaphthene	20	100	0.37 U	0.81 J	0.45 U	0.1 J	0.38 U	0.6
Acenaphthylene	100	100	0.026 J	0.34 J	0.019 J	0.16 J	0.38 U	0.078 J
Acetophenone	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
Anthracene	100	100	0.077 J	2.4	0.12 J	0.6	0.055 J	0.59
Atrazine	NS	NS	0.15 U	0.78 U	0.18 U	0.15 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.37 UJ	0.14 J	0.036 J	0.022 J	0.38 UJ	0.036 J
Benzo(a)Anthracene	1	1	0.39	8.7	0.36	2.8	0.22	1.4
Benzo(a)Pyrene	1	1	0.35	8.4	0.34	2.7	0.22	1.4
Benzo(b)Fluoranthene	1	1	0.54	12	0.53	3.5	0.27	1.9
Benzo(g,h,i)Perylene	100	100	0.14 J	2.7	0.12 J	1.3	0.11 J	0.63
Benzo(k)Fluoranthene	0.8	3.9	0.11	3.7	0.14	1.4	0.095	0.61
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.25 J	0.45 U	0.047 J	0.38 U	0.087 J
Biphenyl (Diphenyl)	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.19 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.19 U	0.045 U	0.036 U	0.038 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	1.9 U	0.45 U	0.36 UJ	0.38 UJ	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	0.2 J	0.45 U	0.15 J	0.38 U	0.29 JK
Caprolactam	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
Carbazole	NS	NS	0.034 J	0.8 J	0.043 J	0.29 J	0.021 J	0.36 J
Chrysene	1	3.9	0.36 J	7.7	0.34 J	2.9	0.22 J	1.2
Dibenz(a,h)Anthracene	0.33	0.33	0.046	0.89	0.038 J	0.45	0.037 J	0.17
Dibenzofuran	7	59	0.022 J	0.59 J	0.037 J	0.13 J	0.38 U	0.52
Diethyl Phthalate	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
Dimethyl Phthalate	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
Di-N-Octylphthalate	NS	NS	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
Fluoranthene	100	100	0.65	16	0.7	4.6	0.34 J	2.7
Fluorene	30	100	0.022 J	0.81 J	0.038 J	0.19 J	0.015 J	0.49
Hexachlorobenzene	0.33	1.2	0.037 U	0.19 U	0.045 U	0.036 U	0.038 U	0.038 U
Hexachlorobutadiene	NS	NS	0.075 U	0.39 U	0.091 U	0.074 U	0.077 U	0.078 U
Hexachlorocyclopentadiene	NS	NS	0.37 UJ	1.9 UJ	0.45 UJ	0.36 UJ	0.38 UJ	0.38 UJ
Hexachloroethane	NS	NS	0.037 U	0.19 U	0.045 U	0.036 U	0.038 U	0.038 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.15	3.3	0.14	1.8	0.12	0.72
Isophorone	NS	NS	0.15 U	0.78 U	0.18 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	0.37 U	0.38 J	0.05 J	0.09 J	0.38 U	0.51
Nitrobenzene	NS	NS	0.037 U	0.19 U	0.045 U	0.036 U	0.038 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.19 U	0.045 U	0.036 U	0.038 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.071 J	0.0993 J	0.36 U	0.38 U	0.38 U
Pentachlorophenol	0.8	6.7	0.3 UJ	1.6 UJ	0.36 UJ	0.29 UJ	0.3 UJ	0.31 UJ
Phenanthrene	100	100	0.43	11	0.54	3.6	0.26 J	2.5
Phenol	0.33	100	0.37 U	1.9 U	0.45 U	0.36 U	0.38 U	0.38 U
Pyrene	100	100	0.57	13	0.61	6	0.43	2.3

Table 6
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

Compound	AKRF Sample ID		RI-SB-05_6-8_20200522	RI-SB-05_11-13_20200522	RI-SB-06_0-2_20200521	RI-SB-06_11-13_20200521	RI-DUP-01_20200521	RI-SB-07_0-2_20200521
	Laboratory Sample ID	Date Sampled	460-209487-2	460-209487-3	460-209410-4	460-209410-5	460-209410-16	460-209410-9
	Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor	2	1	1	1	1	1	1
	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
2,4,5-Trichlorophenol	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
2,4,6-Trichlorophenol	NS	NS	0.32 U	0.18 U	0.15 U	0.16 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.32 U	0.18 U	0.15 U	0.16 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
2,4-Dinitrophenol	NS	NS	0.64 U	0.36 U	0.3 U	0.32 U	0.3 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.16 U	0.09 U	0.075 U	0.082 U	0.075 U	0.077 U
2,6-Dinitrotoluene	NS	NS	0.16 U	0.09 U	0.075 U	0.082 U	0.075 U	0.077 U
2-Chloronaphthalene	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
2-Chlorophenol	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
2-Methylnaphthalene	NS	NS	0.051 J	0.44 U	0.012 J	0.4 U	0.074 J	0.14 J
2-Methylphenol (O-Cresol)	0.33	100	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
2-Nitroaniline	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
2-Nitrophenol	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.32 U	0.18 U	0.15 U	0.16 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.64 U	0.36 U	0.3 U	0.32 U	0.3 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
4-Chloro-3-Methylphenol	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
4-Chloroaniline	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
4-Methylphenol (P-Cresol)	0.33	100	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
4-Nitroaniline	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
4-Nitrophenol	NS	NS	1.6 U	0.9 U	0.75 U	0.82 U	0.75 U	0.77 U
Acenaphthene	20	100	0.14 J	0.44 U	0.37 U	0.4 U	0.12 J	0.19 J
Acenaphthylene	100	100	0.1 J	0.44 U	0.13 J	0.4 U	0.025 J	0.031 J
Acetophenone	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
Anthracene	100	100	0.95	0.032 J	0.1 J	0.022 J	0.3 J	0.42
Atrazine	NS	NS	0.32 U	0.18 U	0.15 U	0.16 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.083 J	0.023 J	0.034 J	0.4 UJ	0.37 UJ	0.38 UJ
Benzo(a)Anthracene	1	1	6.1	0.15	0.55	0.11	0.76	0.9
Benzo(a)Pyrene	1	1	5.6	0.14	0.65	0.099	0.72	0.87
Benzo(b)Fluoranthene	1	1	7.6	0.17	0.96	0.13	0.92	1.1
Benzo(g,h,i)Perylene	100	100	1.9	0.087 J	0.35 J	0.054 J	0.34 J	0.4
Benzo(k)Fluoranthene	0.8	3.9	2.7	0.067	0.36	0.051	0.31	0.47
Benzyl Butyl Phthalate	NS	NS	0.8 U	0.44 U	0.026 J	0.4 U	0.042 J	0.028 J
Biphenyl (Diphenyl)	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.036 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.08 U	0.044 U	0.037 U	0.04 U	0.037 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 UJ	0.38 UJ
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.8 U	0.44 U	0.17 J	0.4 U	0.079 J	0.1 J
Caprolactam	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
Carbazole	NS	NS	0.37 J	0.44 U	0.065 J	0.4 U	0.096 J	0.17 J
Chrysene	1	3.9	5.1	0.12 J	0.52	0.12 J	0.65	0.84
Dibenz(a,h)Anthracene	0.33	0.33	0.68	0.025 J	0.096	0.04 U	0.091	0.13
Dibenzofuran	7	59	0.13 J	0.014 J	0.025 J	0.4 U	0.1 J	0.18 J
Diethyl Phthalate	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
Dimethyl Phthalate	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
Di-N-Octylphthalate	NS	NS	0.8 U	0.44 U	0.047 J	0.4 U	0.37 U	0.38 U
Fluoranthene	100	100	11	0.23 J	1	0.22 J	1.2	1.5
Fluorene	30	100	0.17 J	0.44 U	0.037 J	0.4 U	0.18 J	0.27 J
Hexachlorobenzene	0.33	1.2	0.08 U	0.044 U	0.037 U	0.04 U	0.037 U	0.038 U
Hexachlorobutadiene	NS	NS	0.16 U	0.09 U	0.075 U	0.082 U	0.075 U	0.077 U
Hexachlorocyclopentadiene	NS	NS	0.8 UJ	0.44 UJ	0.37 UJ	0.4 U	0.37 UJ	0.38 UJ
Hexachloroethane	NS	NS	0.08 U	0.044 U	0.037 U	0.04 U	0.037 U	0.038 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	2.3	0.093	0.36	0.063	0.38	0.46
Isophorone	NS	NS	0.32 U	0.18 U	0.15 U	0.16 U	0.15 U	0.15 U
Naphthalene	12	100	0.15 J	0.051 J	0.033 J	0.013 J	0.14 J	0.29 J
Nitrobenzene	NS	NS	0.08 U	0.044 U	0.037 U	0.04 U	0.037 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.08 U	0.044 U	0.037 U	0.04 U	0.037 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.8 U	0.44 U	0.37 U	0.4 U	0.37 U	0.38 U
Pentachlorophenol	0.8	6.7	0.64 UJ	0.36 UJ	0.3 UJ	0.32 U	0.3 UJ	0.3 UJ
Phenanthrene	100	100	4	0.13 J	0.55	0.19 J	1	1.4
Phenol	0.33	100	0.8 U	0.44 U	0.37 U	0.4 U	0.064 J	0.087 J
Pyrene	100	100	9.3	0.23 J	0.86	0.21 J	1.5	1.7

Table 6
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

Compound	AKRF Sample ID		RI-SB-07_8-10_20200521	RI-SB-07_11-13_20200521	RI-SB-08_0-2_20200526	RI-SB-08_11-13_20200526	RI-SB-09_0-2_20200526	RI-SB-09_7-9_20200526
	Laboratory Sample ID	Date Sampled	460-209410-10	460-209410-11	460-209651-10	460-209651-11	460-209651-16	460-209651-17
	Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor	5	1	1	1	2	1	1
	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
2,3,4,5-Tetrachlorophenol	NS	NS	2.1 U	0.49 U	0.38 UJ	0.36 U	0.75 U	0.38 U
2,4,5-Trichlorophenol	NS	NS	2.1 U	0.49 U	0.38 UJ	0.36 U	0.75 U	0.38 U
2,4,6-Trichlorophenol	NS	NS	0.85 U	0.2 U	0.15 UJ	0.14 U	0.3 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.85 U	0.2 U	0.15 U	0.14 U	0.3 U	0.15 U
2,4-Dimethylphenol	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
2,4-Dinitrophenol	NS	NS	1.7 U	0.4 U	0.31 UJ	0.29 U	0.6 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.43 U	0.1 U	0.077 U	0.073 U	0.15 U	0.078 U
2,6-Dinitrotoluene	NS	NS	0.43 U	0.1 U	0.077 U	0.073 U	0.15 U	0.078 U
2-Chloronaphthalene	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
2-Chlorophenol	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
2-Methylnaphthalene	NS	NS	0.16 J	0.49 U	0.21 J	0.17 J	0.2 J	0.1 J
2-Methylphenol (O-Cresol)	0.33	100	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
2-Nitroaniline	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
2-Nitrophenol	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.85 U	0.2 U	0.15 U	0.14 U	0.3 U	0.15 U
3-Nitroaniline	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	1.7 U	0.4 U	0.31 UJ	0.29 U	0.6 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
4-Chloro-3-Methylphenol	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
4-Chloroaniline	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
4-Methylphenol (P-Cresol)	0.33	100	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
4-Nitroaniline	NS	NS	2.1 U	0.49 U	0.38 UJ	0.36 U	0.75 U	0.38 U
4-Nitrophenol	NS	NS	4.3 U	1 U	0.77 UJ	0.73 U	1.5 UJ	0.78 U
Acenaphthene	20	100	0.51 J	0.49 U	0.53	0.41	0.64 J	0.32 J
Acenaphthylene	100	100	0.89 J	0.49 U	0.066 J	0.1 J	0.28 J	0.06 J
Acetophenone	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
Anthracene	100	100	2.3	0.49 U	1.7	1.1	1.7	0.71
Atrazine	NS	NS	0.85 U	0.2 U	0.15 U	0.14 U	0.3 U	0.15 U
Benzaldehyde	NS	NS	2.1 UJ	0.49 UJ	0.38 UJ	0.038 J	0.75 UJ	0.031 J
Benzo(a)Anthracene	1	1	7.6	0.049 U	4	4.2	5.1	1.8
Benzo(a)Pyrene	1	1	7	0.049 U	4.5	4	4.7	1.7
Benzo(b)Fluoranthene	1	1	9.2	0.049 U	5.7	5.3	6.2	2.4
Benzo(g,h,i)Perylene	100	100	3.7	0.49 U	1.3	1.1	1.4	0.49
Benzo(k)Fluoranthene	0.8	3.9	3.6	0.049 U	2.1	2.5	2.1	1
Benzyl Butyl Phthalate	NS	NS	2.1 U	0.49 U	0.38 U	0.025 J	0.75 U	0.38 U
Biphenyl (Diphenyl)	NS	NS	2.1 U	0.49 U	0.065 J	0.046 J	0.058 J	0.034 J
Bis(2-Chloroethoxy) Methane	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.21 U	0.049 U	0.038 U	0.036 U	0.075 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	2.1 U	0.49 UJ	0.38 U	0.36 U	0.75 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	2.1 U	0.49 U	0.047 J	0.075 J	0.75 U	0.38 U
Caprolactam	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
Carbazole	NS	NS	0.66 J	0.49 U	0.85 J	0.47	0.66 J	0.3 J
Chrysene	1	3.9	7	0.019 J	3.8	4	4.5	1.8
Dibenz(a,h)Anthracene	0.33	0.33	0.76	0.049 U	0.46	0.4	0.54	0.18
Dibenzofuran	7	59	0.69 J	0.49 U	0.48	0.29 J	0.4 J	0.2 J
Diethyl Phthalate	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
Dimethyl Phthalate	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
Di-N-Octylphthalate	NS	NS	2.1 U	0.49 U	0.38 U	0.36 U	0.75 U	0.38 U
Fluoranthene	100	100	16	0.024 J	7.5	7.3	9.2	3.7
Fluorene	30	100	0.91 J	0.49 U	0.64	0.4	0.72 J	0.32 J
Hexachlorobenzene	0.33	1.2	0.21 U	0.049 U	0.038 UJ	0.036 U	0.075 U	0.038 U
Hexachlorobutadiene	NS	NS	0.43 U	0.1 U	0.077 U	0.073 U	0.15 U	0.078 U
Hexachlorocyclopentadiene	NS	NS	2.1 U	0.49 UJ	0.38 R	0.36 UJ	0.75 U	0.38 UJ
Hexachloroethane	NS	NS	0.21 U	0.049 U	0.038 U	0.036 U	0.075 U	0.038 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	4.2	0.049 U	1.7	1.4	1.9	0.58
Isophorone	NS	NS	0.85 U	0.2 U	0.15 U	0.14 U	0.3 U	0.15 U
Naphthalene	12	100	0.36 J	0.49 U	0.52	0.47	0.37 J	0.22 J
Nitrobenzene	NS	NS	0.21 U	0.049 U	0.038 U	0.036 U	0.075 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.21 U	0.049 U	0.038 U	0.036 U	0.075 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	2.1 U	0.49 U	0.38 U	0.034 J	0.75 U	0.38 U
Pentachlorophenol	0.8	6.7	1.7 U	0.4 UJ	0.31 UJ	0.29 UJ	0.6 U	0.31 UJ
Phenanthrene	100	100	11	0.02 J	6.6	4.7	7.5	2.9
Phenol	0.33	100	2.1 U	0.49 U	0.38 U	0.017 J	0.75 U	0.38 U
Pyrene	100	100	15	0.031 J	6.5	6.8	8.9	2.8

Table 6
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

Compound	AKRF Sample ID		RI-SB-09_11-13_20200526	RI-SB-10_0-2_20200526	RI-SB-10_7-9_20200526	RI-SB-10_11-13_20200526	RI-SB-11_0-2_20200526	RI-SB-11_11-13_20200526
	Laboratory Sample ID	Date Sampled	460-209651-18	460-209651-3	460-209651-4	460-209651-5	460-209651-6	460-209651-7
	Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor	1	2	5	1	1	1	1
	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	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
2,4,5-Trichlorophenol	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
2,4,6-Trichlorophenol	NS	NS	0.16 U	0.3 U	0.74 U	0.14 U	0.15 U	0.18 U
2,4-Dichlorophenol	NS	NS	0.16 U	0.3 U	0.74 U	0.14 U	0.15 U	0.18 U
2,4-Dimethylphenol	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
2,4-Dinitrophenol	NS	NS	0.33 U	0.6 U	1.5 U	0.28 U	0.31 U	0.36 U
2,4-Dinitrotoluene	NS	NS	0.082 U	0.15 U	0.37 U	0.071 U	0.077 U	0.09 U
2,6-Dinitrotoluene	NS	NS	0.082 U	0.15 U	0.37 U	0.071 U	0.077 U	0.09 U
2-Chloronaphthalene	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
2-Chlorophenol	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
2-Methylnaphthalene	NS	NS	0.033 J	0.12 J	0.48 J	0.058 J	0.042 J	0.15 J
2-Methylphenol (O-Cresol)	0.33	100	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
2-Nitroaniline	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
2-Nitrophenol	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.3 U	0.74 U	0.14 U	0.15 U	0.18 U
3-Nitroaniline	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.33 U	0.6 U	1.5 U	0.28 U	0.31 U	0.36 U
4-Bromophenyl Phenyl Ether	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
4-Chloro-3-Methylphenol	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
4-Chloroaniline	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
4-Methylphenol (P-Cresol)	0.33	100	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
4-Nitroaniline	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
4-Nitrophenol	NS	NS	0.82 UJ	1.5 U	3.7 UJ	0.71 UJ	0.77 UJ	0.9 UJ
Acenaphthene	20	100	0.088 J	0.52 J	1.2 J	0.13 J	0.17 J	0.034 J
Acenaphthylene	100	100	0.13 J	0.21 J	0.14 J	0.015 J	0.22 J	0.44 U
Acetophenone	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
Anthracene	100	100	0.51	1.3	3.5	0.38	0.8	0.031 J
Atrazine	NS	NS	0.16 U	0.3 U	0.74 U	0.14 U	0.15 U	0.18 U
Benzaldehyde	NS	NS	0.4 UJ	0.75 UJ	1.8 UJ	0.35 UJ	0.38 UJ	0.44 UJ
Benzo(a)Anthracene	1	1	1.5	4.3	8.8	0.86	3.7	0.053
Benzo(a)Pyrene	1	1	1.6	4.7	8.3	0.75	3.8	0.033 J
Benzo(b)Fluoranthene	1	1	2.4	5.4	10	0.89	4.9	0.036 J
Benzo(g,h,i)Perylene	100	100	1.7	2.9	2.6	0.29 J	1.2	0.44 U
Benzo(k)Fluoranthene	0.8	3.9	0.95	2.2	4	0.34	2	0.044 U
Benzyl Butyl Phthalate	NS	NS	0.4 U	0.12 J	1.8 U	0.35 U	0.38 U	0.44 U
Biphenyl (Diphenyl)	NS	NS	0.021 J	0.052 J	0.15 J	0.02 J	0.025 J	0.44 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.04 U	0.075 U	0.18 U	0.035 U	0.038 U	0.044 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.079 J	0.44 U
Caprolactam	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
Carbazole	NS	NS	0.13 J	0.46 J	1.4 J	0.2 J	0.2	0.44 U
Chrysene	1	3.9	1.5	4	7.5	0.73	3.7	0.044 J
Dibenz(a,h)Anthracene	0.33	0.33	0.32	0.26	0.99	0.12	0.45	0.044 U
Dibenzofuran	7	59	0.097 J	0.29 J	1.1 J	0.12 J	0.13 J	0.023 J
Diethyl Phthalate	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
Dimethyl Phthalate	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
Di-N-Butyl Phthalate	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
Di-N-Octylphthalate	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
Fluoranthene	100	100	2.8	7.7	17	1.6	6.3	0.083 J
Fluorene	30	100	0.12 J	0.55 J	1.7 J	0.19 J	0.2 J	0.022 J
Hexachlorobenzene	0.33	1.2	0.04 U	0.075 U	0.18 U	0.035 U	0.038 U	0.044 U
Hexachlorobutadiene	NS	NS	0.082 U	0.15 U	0.37 U	0.071 U	0.077 U	0.09 U
Hexachlorocyclopentadiene	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
Hexachloroethane	NS	NS	0.04 U	0.075 U	0.18 U	0.035 U	0.038 U	0.044 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	1.8	3.3	3.4	0.41	1.5	0.019 J
Isophorone	NS	NS	0.16 U	0.3 U	0.74 U	0.14 U	0.15 U	0.18 U
Naphthalene	12	100	0.056 J	0.24 J	1 J	0.13 J	0.12 J	1.7
Nitrobenzene	NS	NS	0.04 U	0.075 U	0.18 U	0.035 U	0.038 U	0.044 U
N-Nitrosodi-N-Propylamine	NS	NS	0.04 U	0.075 U	0.18 U	0.035 U	0.038 U	0.044 U
N-Nitrosodiphenylamine	NS	NS	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
Pentachlorophenol	0.8	6.7	0.33 U	0.6 U	1.5 U	0.28 U	0.31 U	0.36 U
Phenanthrene	100	100	1.8	5.8	15	1.5	3.1	0.12 J
Phenol	0.33	100	0.4 U	0.75 U	1.8 U	0.35 U	0.38 U	0.44 U
Pyrene	100	100	2.7	7.1	14	1.4	5.8	0.094 J

Table 6
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

Compound	AKRF Sample ID		RI-SB-12_0-2_20200521	RI-SB-12_11-13_20200521	RI-SB-13_0-2_20200526	RI-SB-13_11-13_20200526	RI-SB-14_0-2_20200526	RI-SB-14_9-11_20200526
	Laboratory Sample ID	Date Sampled	460-209410-12	460-209410-13	460-209651-1	460-209651-2	460-209651-8	460-209651-9
	Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor	1	1	5	1	5	5	5
	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 R	0.36 R	1.9 U	0.39 U	1.9 U	2 U
2,4,5-Trichlorophenol	NS	NS	0.37 R	0.36 R	1.9 U	0.39 U	1.9 U	2 U
2,4,6-Trichlorophenol	NS	NS	0.15 R	0.14 R	0.76 U	0.16 U	0.76 U	0.81 U
2,4-Dichlorophenol	NS	NS	0.15 R	0.14 R	0.76 U	0.16 U	0.76 U	0.81 U
2,4-Dimethylphenol	NS	NS	0.37 R	0.36 R	1.9 U	0.39 U	1.9 U	2 U
2,4-Dinitrophenol	NS	NS	0.29 R	0.29 R	1.5 U	0.32 U	1.5 U	1.6 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.073 U	0.38 U	0.06 U	0.38 U	0.41 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.073 U	0.38 U	0.08 U	0.38 U	0.41 U
2-Chloronaphthalene	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
2-Chlorophenol	NS	NS	0.37 R	0.36 R	1.9 U	0.39 U	1.9 U	2 U
2-Methylnaphthalene	NS	NS	0.034 J	0.36 U	0.4 J	0.1 J	0.16 J	0.78 J
2-Methylphenol (O-Cresol)	0.33	100	0.37 R	0.36 R	1.9 U	0.39 U	1.9 U	2 U
2-Nitroaniline	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
2-Nitrophenol	NS	NS	0.37 R	0.36 R	1.9 U	0.39 U	1.9 U	2 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.14 U	0.76 U	0.16 U	0.76 U	0.81 U
3-Nitroaniline	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 R	0.29 R	1.5 U	0.32 U	1.5 U	1.6 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
4-Chloro-3-Methylphenol	NS	NS	0.37 R	0.36 R	1.9 U	0.39 U	1.9 U	2 U
4-Chloroaniline	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
4-Methylphenol (P-Cresol)	0.33	100	0.37 R	0.36 R	1.9 U	0.39 U	1.9 U	2 U
4-Nitroaniline	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
4-Nitrophenol	NS	NS	0.74 R	0.73 R	3.8 UJ	0.8 U	3.8 UJ	4.1 UJ
Acenaphthene	20	100	0.052 J	0.36 U	1.4 J	0.4	0.39 J	1.6 J
Acenaphthylene	100	100	0.029 J	0.36 U	0.27 J	0.078 J	0.53 J	0.31 J
Acetophenone	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
Anthracene	100	100	0.14 J	0.36 U	4.5	1.3	1.4 J	3.7
Atrazine	NS	NS	0.15 U	0.14 U	0.76 U	0.16 U	0.76 U	0.81 U
Benzaldehyde	NS	NS	0.37 UJ	0.038 J	1.9 UJ	0.058 J	1.9 UJ	2 UJ
Benzo(a)Anthracene	1	1	0.46	0.019 J	14	4.6	5	9.6
Benzo(a)Pyrene	1	1	0.5	0.014 J	15	4.5	5.3	8.5
Benzo(b)Fluoranthene	1	1	0.57	0.013 J	17	5.3	6.4	11
Benzo(g,h,i)Perylene	100	100	0.21 J	0.36 U	4.4	1.4	1.8 J	2.5
Benzo(k)Fluoranthene	0.8	3.9	0.22	0.0079 J	5.4	2.3	2.4	4.1
Benzyl Butyl Phthalate	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
Biphenyl (Diphenyl)	NS	NS	0.37 U	0.36 U	0.15 J	0.038 J	1.9 U	0.2 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	0.036 U	0.19 U	0.039 U	0.19 U	0.2 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 UJ	0.36 U	1.9 U	0.39 U	1.9 U	2 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.075 J	0.36 U	1.9 U	0.031 J	1.9 U	2 U
Caprolactam	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
Carbazole	NS	NS	0.047 J	0.36 U	1.5 J	0.42	0.49 J	2
Chrysene	1	3.9	0.49	0.013 J	12	3.9	5.2	8.2
Dibenz(a,h)Anthracene	0.33	0.33	0.072	0.036 U	1.6	0.5	0.54	1
Dibenzofuran	7	59	0.033 J	0.36 U	0.98 J	0.22 J	0.46 J	1.5 J
Diethyl Phthalate	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
Dimethyl Phthalate	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
Di-N-Octylphthalate	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
Fluoranthene	100	100	0.72	0.022 J	24	7.9	11	18
Fluorene	30	100	0.062 J	0.36 U	1.7 J	0.45	0.52 J	2.1
Hexachlorobenzene	0.33	1.2	0.037 U	0.036 U	0.19 U	0.039 U	0.19 U	0.2 U
Hexachlorobutadiene	NS	NS	0.074 U	0.073 U	0.38 U	0.08 U	0.38 U	0.41 U
Hexachlorocyclopentadiene	NS	NS	0.37 UJ	0.36 U	1.9 U	0.39 UJ	1.9 U	2 U
Hexachloroethane	NS	NS	0.037 U	0.036 U	0.19 U	0.039 U	0.19 U	0.2 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.24	0.036 U	5.7	1.7	2.4	3.3
Isophorone	NS	NS	0.15 U	0.14 U	0.76 U	0.16 U	0.76 U	0.81 U
Naphthalene	12	100	0.042 J	0.36 U	0.64 J	0.17 J	0.35 J	1.9 J
Nitrobenzene	NS	NS	0.037 U	0.036 U	0.19 U	0.039 U	0.19 U	0.2 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	0.036 U	0.19 U	0.039 U	0.19 U	0.2 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	0.36 U	1.9 U	0.39 U	1.9 U	2 U
Pentachlorophenol	0.8	6.7	0.29 R	0.29 R	1.5 U	0.32 UJ	1.5 U	1.6 U
Phenanthrene	100	100	0.62	0.018 J	18	5.3	8	18
Phenol	0.33	100	0.37 U	0.36 R	1.9 U	0.018 J	1.9 U	2 U
Pyrene	100	100	0.92	0.022 J	22	7.3	9.3	15

Table 6
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

Compound	AKRF Sample ID		RI-DUP-02_20200522	RI-SB-15_0-2_20200522	RI-SB-15_11-13_20200522	RI-SB-16_0-2_20200522	RI-SB-16_7-9_20200522	RI-SB-16_11-13_20200522
	Laboratory Sample ID	Date Sampled	460-209487-18	460-209487-7	460-209487-8	460-209487-4	460-209487-6	460-209487-5
	Unit	Dilution Factor	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
2,4,5-Trichlorophenol	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
2,4,6-Trichlorophenol	NS	NS	0.31 U	0.75 U	0.15 U	0.15 U	0.86 U	0.18 U
2,4-Dichlorophenol	NS	NS	0.31 U	0.75 U	0.15 U	0.15 U	0.86 U	0.18 U
2,4-Dimethylphenol	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
2,4-Dinitrophenol	NS	NS	0.62 UJ	1.5 UJ	0.29 U	0.3 U	1.7 U	0.38 U
2,4-Dinitrotoluene	NS	NS	0.16 U	0.38 U	0.074 U	0.077 U	0.43 U	0.091 U
2,6-Dinitrotoluene	NS	NS	0.16 U	0.38 U	0.074 U	0.077 U	0.43 U	0.091 U
2-Chloronaphthalene	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
2-Chlorophenol	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
2-Methylnaphthalene	NS	NS	0.18 J	0.27 J	0.11 J	0.38 U	0.13 J	0.45 U
2-Methylphenol (O-Cresol)	0.33	100	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
2-Nitroaniline	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
2-Nitrophenol	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
3,3'-Dichlorobenzidine	NS	NS	0.31 U	0.75 U	0.15 U	0.15 U	0.86 U	0.18 U
3-Nitroaniline	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.62 U	1.5 U	0.29 U	0.3 U	1.7 U	0.38 U
4-Bromophenyl Phenyl Ether	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
4-Chloro-3-Methylphenol	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
4-Chloroaniline	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
4-Methylphenol (P-Cresol)	0.33	100	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
4-Nitroaniline	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
4-Nitrophenol	NS	NS	1.6 U	3.8 U	0.74 U	0.77 U	4.3 U	0.91 U
Acenaphthene	20	100	0.45 J	0.65 J	0.18 J	0.38 U	0.81 J	0.45 U
Acenaphthylene	100	100	0.12 J	0.21 J	0.057 J	0.068 J	0.19 J	0.45 U
Acetophenone	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
Anthracene	100	100	1.6	2.4	0.61	0.072 J	2.5	0.45 U
Atrazine	NS	NS	0.31 U	0.75 U	0.15 U	0.15 U	0.86 U	0.18 U
Benzaldehyde	NS	NS	0.78 UJ	1.9 UJ	0.36 UJ	0.38 UJ	2.1 UJ	0.02 J
Benzo(a)Anthracene	1	1	5.7	6.5	1.8	0.41	9.7	0.029 J
Benzo(a)Pyrene	1	1	5.2	6	1.6	0.45	7.4	0.02 J
Benzo(b)Fluoranthene	1	1	6.7	7.6	2.2	0.64	8.6	0.022 J
Benzo(g,h,i)Perylene	100	100	2.1	2.5	0.5	0.21 J	2.1	0.45 U
Benzo(k)Fluoranthene	0.8	3.9	2.5	3.1	0.85	0.25	2.1	0.045 U
Benzyl Butyl Phthalate	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
Biphenyl (Diphenyl)	NS	NS	0.086 J	1.9 U	0.044 J	0.38 U	0.11 J	0.45 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.078 U	0.19 U	0.036 U	0.038 U	0.21 U	0.045 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.059 J	1.9 U	0.36 U	0.22 J	2.1 U	0.45 U
Caprolactam	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
Carbazole	NS	NS	0.64 J	0.76 J	0.26 J	0.052 J	0.35 J	0.45 U
Chrysene	1	3.9	5.8	6.5	1.6	0.43	11	0.018 J
Dibenz(a,h)Anthracene	0.33	0.33	0.77	0.9	0.17	0.063	0.77	0.045 U
Dibenzofuran	7	59	0.46 J	0.89 J	0.22 J	0.025 J	0.22 J	0.45 U
Diethyl Phthalate	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
Dimethyl Phthalate	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
Di-N-Butyl Phthalate	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	0.69 J	0.45 U
Di-N-Octylphthalate	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	2.1 U	0.45 U
Fluoranthene	100	100	10	13	3.7	0.72	12	0.026 J
Fluorene	30	100	0.37 J	0.7 J	0.19 J	0.022 J	0.74 J	0.45 U
Hexachlorobenzene	0.33	1.2	0.078 U	0.19 U	0.036 U	0.038 U	0.21 U	0.045 U
Hexachlorobutadiene	NS	NS	0.16 U	0.38 U	0.074 U	0.077 U	0.43 U	0.091 U
Hexachlorocyclopentadiene	NS	NS	0.78 U	1.9 U	0.36 UJ	0.38 UJ	2.1 UJ	0.45 U
Hexachloroethane	NS	NS	0.078 U	0.19 U	0.036 U	0.038 U	0.21 U	0.045 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	2.5	3	0.61	0.22	2.1	0.045 U
Isophorone	NS	NS	0.31 U	0.75 U	0.15 U	0.15 U	0.86 U	0.18 U
Naphthalene	12	100	0.42 J	0.44 J	0.19 J	0.055 J	2.1 U	0.45 U
Nitrobenzene	NS	NS	0.078 U	0.19 U	0.036 U	0.038 U	0.21 U	0.045 U
N-Nitrosodi-N-Propylamine	NS	NS	0.078 U	0.19 U	0.036 U	0.038 U	0.21 U	0.045 U
N-Nitrosodiphenylamine	NS	NS	0.78 U	1.9 U	0.36 U	0.38 U	0.14 J	0.45 U
Pentachlorophenol	0.8	6.7	0.62 U	1.5 U	0.29 UJ	0.3 UJ	1.7 UJ	0.36 U
Phenanthrene	100	100	8.1	11	3.1	0.47	15	0.02 J
Phenol	0.33	100	0.78 U	1.9 U	0.36 U	0.38 U	0.57 J	0.45 U
Pyrene	100	100	10	13	3.1	0.63	17	0.028 J

Table 6
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

Compound	AKRF Sample ID		RI-SB-17_0-2_20200521	RI-SB-17_7-9_20200521	RI-SB-17_11-13_20200521	RI-SB-18_0-2_20200521	RI-SB-18_8-10_20200521	RI-SB-18_11-13_20200521
	Laboratory Sample ID		460-209410-6	460-209410-7	460-209410-8	460-209410-1	460-209410-2	460-209410-3
	Date Sampled		5/21/2020	5/21/2020	5/21/2020	5/21/2020	5/21/2020	5/21/2020
	Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor		1	1	1	1	1	10
	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.38 UJ	0.38 U	0.39 U	0.36 U	0.35 R	3.8 U
2,4,5-Trichlorophenol	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 R	3.8 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	0.16 U	0.15 U	0.14 R	1.5 U
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	0.16 U	0.15 U	0.14 UJ	1.5 U
2,4-Dimethylphenol	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 R	3.8 U
2,4-Dinitrophenol	NS	NS	0.31 UJ	0.3 U	0.32 U	0.29 U	0.28 R	3.1 U
2,4-Dinitrotoluene	NS	NS	0.077 U	0.076 U	0.08 U	0.074 U	0.071 U	0.78 U
2,6-Dinitrotoluene	NS	NS	0.077 U	0.076 U	0.08 U	0.074 U	0.071 U	0.78 U
2-Chloronaphthalene	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
2-Chlorophenol	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 R	3.8 U
2-Methylnaphthalene	NS	NS	0.013 J	0.026 J	0.024 J	0.024 J	0.057 J	0.23 J
2-Methylphenol (O-Cresol)	0.33	100	0.38 U	0.38 U	0.39 U	0.36 U	0.35 R	3.8 U
2-Nitroaniline	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
2-Nitrophenol	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 R	3.8 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.16 U	0.15 U	0.14 U	1.5 U
3-Nitroaniline	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31 UJ	0.3 U	0.32 U	0.29 U	0.28 R	3.1 U
4-Bromophenyl Phenyl Ether	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 UJ	3.8 U
4-Chloro-3-Methylphenol	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 R	3.8 U
4-Chloroaniline	NS	NS	0.38 U	0.38 U	0.39 U	0.36 UJ	0.35 UJ	3.8 UJ
4-Chlorophenyl Phenyl Ether	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
4-Methylphenol (P-Cresol)	0.33	100	0.38 U	0.38 U	0.39 U	0.36 U	0.35 UJ	3.8 U
4-Nitroaniline	NS	NS	0.38 UJ	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
4-Nitrophenol	NS	NS	0.77 UJ	0.76 U	0.8 U	0.74 U	0.71 R	7.8 U
Acenaphthene	20	100	0.38 U	0.048 J	0.39 U	0.36 U	0.054 J	0.39 J
Acenaphthylene	100	100	0.16 J	0.076 J	0.39 U	0.1 J	0.65	5.2
Acetophenone	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.036 J	3.8 U
Anthracene	100	100	0.15 J	0.26 J	0.39 U	0.17 J	0.6	5.6
Atrazine	NS	NS	0.15 U	0.15 U	0.16 U	0.15 U	0.14 U	1.5 U
Benzaldehyde	NS	NS	0.38 UJ	0.38 UJ	0.39 UJ	0.36 UJ	0.067 J	0.35 J
Benzo(a)Anthracene	1	1	0.99	1.2	0.039 U	0.61	2.5	19
Benzo(a)Pyrene	1	1	1.1	1.5	0.039 U	0.76	2.9	20
Benzo(b)Fluoranthene	1	1	1.5	1.9	0.039 U	1	3.9	24
Benzo(g,h,i)Perylene	100	100	0.61	1	0.39 U	0.28 J	1.3	8.2
Benzo(k)Fluoranthene	0.8	3.9	0.72	0.76	0.039 U	0.38	1.6	11
Benzyl Butyl Phthalate	NS	NS	0.38 U	0.02 J	0.39 U	0.36 U	0.35 U	3.8 U
Biphenyl (Diphenyl)	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.025 J	3.8 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038 U	0.038 U	0.039 U	0.036 U	0.035 U	0.38 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38 UJ	0.38 UJ	0.39 UJ	0.36 U	0.35 U	3.8 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.056 J	0.07 J	0.39 U	0.19 J	0.35 U	3.8 U
Caprolactam	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
Carbazole	NS	NS	0.088 J	0.19 J	0.39 U	0.039 J	0.39	2.3 J
Chrysene	1	3.9	1.1	1.3	0.39 U	0.64	2.2	17
Dibenz(a,h)Anthracene	0.33	0.33	0.2	0.24	0.039 U	0.096	0.35	1.6
Dibenzofuran	7	59	0.036 J	0.08 J	0.39 U	0.029 J	0.19 J	1.1 J
Diethyl Phthalate	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
Dimethyl Phthalate	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
Di-N-Butyl Phthalate	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
Di-N-Octylphthalate	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
Fluoranthene	100	100	1.8	2.4	0.39 U	1.1	6	47
Fluorene	30	100	0.045 J	0.097 J	0.39 U	0.048 J	0.27 J	1.8 J
Hexachlorobenzene	0.33	1.2	0.038 U	0.038 U	0.039 U	0.036 U	0.035 U	0.38 U
Hexachlorobutadiene	NS	NS	0.077 U	0.076 U	0.08 U	0.074 U	0.071 U	0.78 U
Hexachlorocyclopentadiene	NS	NS	0.38 UJ	0.38 UJ	0.39 UJ	0.36 UJ	0.35 UJ	3.8 U
Hexachloroethane	NS	NS	0.038 U	0.038 U	0.039 U	0.036 U	0.035 U	0.38 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	0.73	1.1	0.039 U	0.34	1.5	11
Isophorone	NS	NS	0.15 U	0.15 U	0.16 U	0.15 U	0.14 U	1.5 U
Naphthalene	12	100	0.066 J	0.083 J	0.39 U	0.057 J	0.17 J	0.68 J
Nitrobenzene	NS	NS	0.038 U	0.038 U	0.039 U	0.036 U	0.035 U	0.38 U
N-Nitrosodi-N-Propylamine	NS	NS	0.038 U	0.038 U	0.039 U	0.036 U	0.035 U	0.38 U
N-Nitrosodiphenylamine	NS	NS	0.38 U	0.38 U	0.39 U	0.36 U	0.35 U	3.8 U
Pentachlorophenol	0.8	6.7	0.31 UJ	0.3 UJ	0.32 UJ	0.29 UJ	0.28 R	3.1 U
Phenanthrene	100	100	1.1	1.7	0.39 U	0.49	3.4	26
Phenol	0.33	100	0.38 U	0.38 U	0.39 U	0.36 U	0.35 R	3.8 U
Pyrene	100	100	2.1	2.6	0.39 U	1.1	4.8	37

Table 6
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

Compound	AKRF Sample ID		RI-SB-19_0-2_20200526	RI-DUP-03_20200526	RI-SB-19_11-13_20200526	RI-SB-20_0-2_20200526	RI-SB-20_11-13_20200526	RI-FB-01_20200522
	Laboratory Sample ID	Date Sampled	460-209651-12	460-209651-19	460-209651-13	460-209651-14	460-209651-15	460-209487-20
	Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/L
	Dilution Factor	10	1	1	5	2	1	
	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
2,3,4,6-Tetrachlorophenol	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
2,4,5-Trichlorophenol	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
2,4,6-Trichlorophenol	NS	NS	1.4 U	0.18 U	0.17 U	0.85 U	0.31 U	10 U
2,4-Dichlorophenol	NS	NS	1.4 U	0.18 U	0.17 U	0.85 U	0.31 U	10 U
2,4-Dimethylphenol	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
2,4-Dinitrophenol	NS	NS	2.9 U	0.35 U	0.34 U	1.7 U	0.61 U	20 UJ
2,4-Dinitrotoluene	NS	NS	0.73 U	0.089 U	0.086 U	0.43 U	0.15 U	2 U
2,6-Dinitrotoluene	NS	NS	0.73 U	0.089 U	0.086 U	0.43 U	0.15 U	2 U
2-Chloronaphthalene	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
2-Chlorophenol	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
2-Methylnaphthalene	NS	NS	2.2 J	0.16 J	0.051 J	0.94 J	0.27 J	10 U
2-Methylphenol (O-Cresol)	0.33	100	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
2-Nitroaniline	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
2-Nitrophenol	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
3,3'-Dichlorobenzidine	NS	NS	1.4 U	0.18 U	0.17 U	0.85 U	0.31 U	10 U
3-Nitroaniline	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
4,6-Dinitro-2-Methylphenol	NS	NS	2.9 U	0.35 U	0.34 U	1.7 U	0.61 U	20 U
4-Bromophenyl Phenyl Ether	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
4-Chloro-3-Methylphenol	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
4-Chloroaniline	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
4-Chlorophenyl Phenyl Ether	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
4-Methylphenol (P-Cresol)	0.33	100	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
4-Nitroaniline	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
4-Nitrophenol	NS	NS	7.3 UJ	0.98 UJ	0.86 UJ	4.3 UJ	1.5 UJ	20 U
Acenaphthene	20	100	6.8	0.5 J	0.13 J	3.5	1.1	10 U
Acenaphthylene	100	100	0.47 J	0.049 J	0.012 J	0.54 J	0.15 J	10 U
Acetophenone	NS	NS	3.6 U	0.44 U	0.42 U	0.16 J	0.76 U	10 U
Anthracene	100	100	18	1.4 J	0.36 J	7.6	2.1	10 U
Atrazine	NS	NS	1.4 U	0.18 U	0.17 U	0.85 U	0.31 U	2 U
Benzaldehyde	NS	NS	3.6 UJ	0.44 UJ	0.42 UJ	3.4 J	0.067 J	10 UJ
Benzo(a)Anthracene	1	1	36	4.3 J	1.1 JL	18	5.2	1 U
Benzo(a)Pyrene	1	1	34	4.5	1	17	4.8	1 U
Benzo(b)Fluoranthene	1	1	41	6.5 J	1.1 JL	21	6.7	2 U
Benzo(g,h,i)Perylene	100	100	10	1.3 J	0.44 JL	4.6	1.5	10 U
Benzo(k)Fluoranthene	0.8	3.9	27	1.7 J	0.43 JL	8.5	2.7	1 U
Benzyl Butyl Phthalate	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
Biphenyl (Diphenyl)	NS	NS	0.82 J	0.057 J	0.42 U	0.29 J	0.072 J	10 U
Bis(2-Chloroethoxy) Methane	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.36 U	0.044 U	0.042 U	0.21 U	0.076 U	1 U
Bis(2-Chloroisopropyl) Ether	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	2 U
Caprolactam	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
Carbazole	NS	NS	4.9	0.53 J	0.15 J	3	0.94	10 U
Chrysene	1	3.9	34	4.2 J	0.97 JL	17	4.7	2 U
Dibenz(a,h)Anthracene	0.33	0.33	3.4	0.42 J	0.15 JL	1.8	0.48	1 U
Dibenzofuran	7	59	4.7	0.36 J	0.1 J	2 J	0.6 J	10 U
Diethyl Phthalate	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
Dimethyl Phthalate	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
Di-N-Butyl Phthalate	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
Di-N-Octylphthalate	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
Fluoranthene	100	100	68	7.2 J	1.8 JL	34	9.8	10 U
Fluorene	30	100	8.8	0.58 J	0.16 J	3.7	0.95	10 U
Hexachlorobenzene	0.33	1.2	0.36 U	0.044 U	0.042 U	0.21 U	0.076 U	1 U
Hexachlorobutadiene	NS	NS	0.73 U	0.089 U	0.086 U	0.43 U	0.15 U	1 UJ
Hexachlorocyclopentadiene	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
Hexachloroethane	NS	NS	0.36 U	0.044 U	0.042 U	0.21 U	0.076 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	14	1.7 J	0.54 JL	6.2	1.8	2 U
Isophorone	NS	NS	1.4 U	0.18 U	0.17 U	0.85 U	0.31 U	10 U
Naphthalene	12	100	3.4 J	0.31 J	0.12 J	1.9 J	0.66 J	2 U
Nitrobenzene	NS	NS	0.36 U	0.044 U	0.042 U	0.21 U	0.076 U	1 U
N-Nitrosodi-N-Propylamine	NS	NS	0.36 U	0.044 U	0.042 U	0.21 U	0.076 U	1 U
N-Nitrosodiphenylamine	NS	NS	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
Pentachlorophenol	0.8	6.7	2.9 U	0.35 U	0.34 U	1.7 U	0.61 U	20 U
Phenanthrene	100	100	63	5.2 J	1.4 JL	30	8.5	10 U
Phenol	0.33	100	3.6 U	0.44 U	0.42 U	2.1 U	0.76 U	10 U
Pyrene	100	100	67	6.8 J	1.8 JL	31	9.4	10 U

Table 6
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

Compound	AKRF Sample ID Laboratory Sample ID		RI-FB-02_20200526	RI-FB-03_20200526
	NYSDEC UUSCO	NYSDEC RRSCO	460-209651-20	460-209651-22
	Date Sampled		5/26/2020	5/26/2020
	Unit		µg/L	µg/L
	Dilution Factor		1	1
			CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	10 U	10 U
2,3,4,6-Tetrachlorophenol	NS	NS	10 U	10 U
2,4,5-Trichlorophenol	NS	NS	10 U	10 U
2,4,6-Trichlorophenol	NS	NS	10 U	10 U
2,4-Dichlorophenol	NS	NS	10 U	10 U
2,4-Dimethylphenol	NS	NS	10 U	10 U
2,4-Dinitrophenol	NS	NS	20 U	20 U
2,4-Dinitrotoluene	NS	NS	2 U	2 U
2,6-Dinitrotoluene	NS	NS	2 U	2 U
2-Chloronaphthalene	NS	NS	10 U	10 U
2-Chlorophenol	NS	NS	10 U	10 U
2-Methylnaphthalene	NS	NS	10 U	10 U
2-Methylphenol (O-Cresol)	0.33	100	10 U	10 U
2-Nitroaniline	NS	NS	10 U	10 U
2-Nitrophenol	NS	NS	10 U	10 U
3,3'-Dichlorobenzidine	NS	NS	10 U	10 U
3-Nitroaniline	NS	NS	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	NS	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	NS	10 U	10 U
4-Chloro-3-Methylphenol	NS	NS	10 U	10 U
4-Chloroaniline	NS	NS	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	NS	10 U	10 U
4-Methylphenol (P-Cresol)	0.33	100	10 U	10 U
4-Nitroaniline	NS	NS	10 U	10 U
4-Nitrophenol	NS	NS	20 U	20 U
Acenaphthene	20	100	10 U	10 U
Acenaphthylene	100	100	10 U	10 U
Acetophenone	NS	NS	10 U	10 U
Anthracene	100	100	10 U	10 U
Atrazine	NS	NS	2 U	2 U
Benzaldehyde	NS	NS	10 UJ	10 U
Benzo(a)Anthracene	1	1	1 U	1 U
Benzo(a)Pyrene	1	1	1 U	1 U
Benzo(b)Fluoranthene	1	1	2 U	2 U
Benzo(g,h,i)Perylene	100	100	10 UJ	10 UJ
Benzo(k)Fluoranthene	0.8	3.9	1 U	1 U
Benzyl Butyl Phthalate	NS	NS	10 U	10 U
Biphenyl (Diphenyl)	NS	NS	10 U	10 U
Bis(2-Chloroethoxy) Methane	NS	NS	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	1 U	1 U
Bis(2-Chloroisopropyl) Ether	NS	NS	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	2 U	2 U
Caprolactam	NS	NS	10 U	10 U
Carbazole	NS	NS	10 U	10 U
Chrysene	1	3.9	2 U	2 U
Dibenz(a,h)Anthracene	0.33	0.33	1 UJ	1 UJ
Dibenzofuran	7	59	10 U	10 U
Diethyl Phthalate	NS	NS	10 U	10 U
Dimethyl Phthalate	NS	NS	10 U	10 U
Di-N-Butyl Phthalate	NS	NS	10 U	10 U
Di-N-Octylphthalate	NS	NS	10 U	10 U
Fluoranthene	100	100	10 U	10 U
Fluorene	30	100	10 U	10 U
Hexachlorobenzene	0.33	1.2	1 U	1 U
Hexachlorobutadiene	NS	NS	1 U	1 U
Hexachlorocyclopentadiene	NS	NS	10 U	10 U
Hexachloroethane	NS	NS	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	2 UJ	2 UJ
Isophorone	NS	NS	10 U	10 U
Naphthalene	12	100	2 U	2 U
Nitrobenzene	NS	NS	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	NS	1 U	1 U
N-Nitrosodiphenylamine	NS	NS	10 U	10 U
Pentachlorophenol	0.8	6.7	20 U	20 U
Phenanthrene	100	100	10 U	10 U
Phenol	0.33	100	10 U	10 U
Pyrene	100	100	10 U	10 U

Table 7
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Analytical Results of Pesticides

Compound	AKRF Sample ID		RI-SB-01_0-2_20200522	RI-SB-01_6-8_20200522	RI-SB-01_11-13_20200522	RI-SB-02_0-2_20200522
	NYSDEC UUSCO	NYSDEC RRSCO	460-209487-15	460-209487-16	460-209487-17	460-209487-12
	Laboratory Sample ID		5/22/2020	5/22/2020	5/22/2020	5/22/2020
	Date Sampled		mg/kg	mg/kg	mg/kg	mg/kg
	Unit		1	1	1	1
	Dilution Factor		CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0079 UJ	0.0074 U	0.0072 U	0.0074 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024 UJ	0.0022 U	0.0021 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0079 U	0.0074 U	0.0072 U	0.0074 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024 UJ	0.0022 U	0.0021 U	0.0022 U
Beta Endosulfan	NS	NS	0.0079 U	0.0074 U	0.0072 U	0.0074 U
Chlordane, Total	NS	NS	0.079 U	0.074 U	0.058 J	0.074 U
cis-Chlordane	0.094	4.2	0.0079 U	0.0074 U	0.0072 U	0.0074 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024 UJ	0.0022 U	0.0021 U	0.0022 U
Dieldrin	0.005	0.2	0.0024 U	0.0022 U	0.0021 U	0.0046 J
Endosulfan Sulfate	NS	NS	0.0079 U	0.0074 U	0.0072 U	0.0074 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0079 UJ	0.0074 U	0.0072 U	0.0074 U
Endrin Aldehyde	NS	NS	0.0079 UJ	0.0074 U	0.0072 U	0.0074 U
Endrin Ketone	NS	NS	0.0079 U	0.0074 U	0.0072 U	0.0074 U
Gamma Bhc (Lindane)	0.1	1.3	0.0024 UJ	0.0022 U	0.0021 U	0.0022 U
Heptachlor	0.042	2.1	0.0079 U	0.0074 U	0.0072 U	0.0074 U
Heptachlor Epoxide	NS	NS	0.0079 UJ	0.0074 U	0.0072 U	0.0074 U
Methoxychlor	NS	NS	0.0079 UJ	0.0074 U	0.0072 U	0.0074 U
P,P'-DDD	0.0033	13	0.0079 U	0.0027 J	0.0072 U	0.02
P,P'-DDE	0.0033	8.9	0.0079 UJ	0.019	0.0072 U	0.019
P,P'-DDT	0.0033	7.9	0.0079 U	0.0079	0.0032 J	0.038
Toxaphene	NS	NS	0.079 U	0.074 U	0.072 U	0.074 U
trans-Chlordane	NS	NS	0.0079 UJ	0.0074 U	0.0076 J	0.0074 U

Table 7
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Pesticides

Compound	AKRF Sample ID		RI-SB-02_7-9_20200522	RI-SB-02_11-13_20200522	RI-SB-03_0-2_20200522	RI-SB-03_8-10_20200522
	NYSDEC UUSCO	NYSDEC RRSCO	460-209487-13	460-209487-14	460-209487-9	460-209487-10
	Laboratory Sample ID		5/22/2020	5/22/2020	5/22/2020	5/22/2020
	Date Sampled		mg/kg	mg/kg	mg/kg	mg/kg
	Unit		1	1	1	1
	Dilution Factor		CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.008 U	0.0074 U	0.0075 U	0.0079 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024 U	0.0022 U	0.0022 U	0.0024 U
Alpha Endosulfan	NS	NS	0.008 U	0.0074 U	0.0075 U	0.0079 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024 U	0.0022 U	0.0022 U	0.0024 U
Beta Endosulfan	NS	NS	0.008 U	0.0074 U	0.0075 U	0.0079 U
Chlordane, Total	NS	NS	0.08 U	0.074 U	0.075 U	0.079 U
cis-Chlordane	0.094	4.2	0.008 U	0.0074 U	0.0075 U	0.0079 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024 U	0.0022 U	0.0022 U	0.0024 U
Dieldrin	0.005	0.2	0.0024 U	0.0022 U	0.0022 U	0.0024 U
Endosulfan Sulfate	NS	NS	0.008 U	0.0074 U	0.0075 U	0.0079 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.008 U	0.0074 U	0.0075 U	0.0079 U
Endrin Aldehyde	NS	NS	0.008 U	0.0074 U	0.0075 U	0.0079 U
Endrin Ketone	NS	NS	0.008 U	0.0074 U	0.0075 U	0.0079 U
Gamma Bhc (Lindane)	0.1	1.3	0.0024 U	0.0022 U	0.0022 U	0.0024 U
Heptachlor	0.042	2.1	0.008 U	0.0074 U	0.0075 U	0.0079 U
Heptachlor Epoxide	NS	NS	0.008 U	0.0074 U	0.0075 U	0.0079 U
Methoxychlor	NS	NS	0.008 U	0.0074 U	0.0075 U	0.0079 U
P,P'-DDD	0.0033	13	0.008 U	0.0074 U	0.0075 U	0.0079 U
P,P'-DDE	0.0033	8.9	0.008 U	0.0074 U	0.0088 J	0.0079 U
P,P'-DDT	0.0033	7.9	0.008 U	0.0074 U	0.02	0.0079 U
Toxaphene	NS	NS	0.08 U	0.074 U	0.075 U	0.079 U
trans-Chlordane	NS	NS	0.008 U	0.0074 U	0.0075 U	0.0079 U

Table 7
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Analytical Results of Pesticides

Compound	AKRF Sample ID		RI-SB-03_11-13_20200522	RI-SB-04_0-2_20200521	RI-SB-04_11-13_20200521	RI-SB-05_0-2_20200522
	NYSDEC UUSCO	NYSDEC RRSCO	460-209487-11	460-209410-14	460-209410-15	460-209487-1
	Laboratory Sample ID		5/22/2020	5/21/2020	5/21/2020	5/22/2020
	Date Sampled		mg/kg	mg/kg	mg/kg	mg/kg
	Unit		1	1	1	1
	Dilution Factor		CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0091 U	0.0074 U	0.0077 U	0.0078 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0027 U	0.0022 U	0.0023 U	0.0023 U
Alpha Endosulfan	NS	NS	0.0091 U	0.0074 U	0.0077 U	0.0078 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0027 U	0.0022 U	0.0023 U	0.0023 U
Beta Endosulfan	NS	NS	0.0091 U	0.0074 U	0.0077 U	0.0078 U
Chlordane, Total	NS	NS	0.091 U	0.074 U	0.077 U	0.078 U
cis-Chlordane	0.094	4.2	0.0091 U	0.0074 U	0.0077 U	0.0091 J
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0027 U	0.0022 U	0.0023 U	0.0023 UJ
Dieldrin	0.005	0.2	0.0027 U	0.0022 U	0.0023 U	0.0087
Endosulfan Sulfate	NS	NS	0.0091 U	0.0074 U	0.0077 U	0.0078 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0091 U	0.0074 U	0.0077 U	0.0078 U
Endrin Aldehyde	NS	NS	0.0091 U	0.0074 U	0.0077 U	0.0078 UJ
Endrin Ketone	NS	NS	0.0091 U	0.0074 U	0.0077 U	0.0078 U
Gamma Bhc (Lindane)	0.1	1.3	0.0027 U	0.0022 U	0.0023 U	0.0023 U
Heptachlor	0.042	2.1	0.0091 U	0.0074 U	0.0077 U	0.0078 U
Heptachlor Epoxide	NS	NS	0.0091 U	0.0074 U	0.0077 U	0.0078 U
Methoxychlor	NS	NS	0.0091 U	0.0074 U	0.0077 U	0.0078 U
P,P'-DDD	0.0033	13	0.0091 U	0.027	0.0077 U	0.0019 J
P,P'-DDE	0.0033	8.9	0.0091 U	0.0074 U	0.0077 U	0.019
P,P'-DDT	0.0033	7.9	0.0091 U	0.099	0.0092	0.075
Toxaphene	NS	NS	0.091 U	0.074 U	0.077 U	0.078 U
trans-Chlordane	NS	NS	0.0091 U	0.0074 U	0.0077 U	0.0099 J

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AKRF Sample ID			RI-SB-05_6-8_20200522	RI-SB-05_11-13_20200522	RI-SB-06_0-2_20200521	RI-SB-06_11-13_20200521
Laboratory Sample ID			460-209487-2	460-209487-3	460-209410-4	460-209410-5
Date Sampled			5/22/2020	5/22/2020	5/21/2020	5/21/2020
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	0.0081 U	0.009 U	0.0075 U	0.0082 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024 U	0.0027 U	0.0022 U	0.0024 U
Alpha Endosulfan	NS	NS	0.0081 U	0.009 U	0.0075 U	0.0082 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024 U	0.0027 U	0.0022 U	0.0024 U
Beta Endosulfan	NS	NS	0.0081 U	0.009 U	0.0075 U	0.0082 U
Chlordane, Total	NS	NS	0.081 U	0.09 U	0.075 U	0.082 U
cis-Chlordane	0.094	4.2	0.0032 J	0.009 U	0.0071 JN	0.0082 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024 U	0.0027 U	0.0022 U	0.0024 U
Dieldrin	0.005	0.2	0.0024 U	0.0027 U	0.012	0.0024 U
Endosulfan Sulfate	NS	NS	0.0081 U	0.009 U	0.0075 U	0.0082 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0081 U	0.009 U	0.0075 U	0.0082 U
Endrin Aldehyde	NS	NS	0.0081 U	0.009 U	0.0075 U	0.0082 U
Endrin Ketone	NS	NS	0.0081 U	0.009 U	0.0075 U	0.0082 U
Gamma Bhc (Lindane)	0.1	1.3	0.0024 U	0.0027 U	0.0022 U	0.0024 U
Heptachlor	0.042	2.1	0.0081 U	0.009 U	0.0075 U	0.0082 U
Heptachlor Epoxide	NS	NS	0.0081 U	0.009 U	0.0075 U	0.0082 U
Methoxychlor	NS	NS	0.0081 U	0.009 U	0.0075 U	0.0082 U
P,P'-DDD	0.0033	13	0.0081 U	0.009 U	0.0075 U	0.0082 U
P,P'-DDE	0.0033	8.9	0.0033 J	0.009 U	0.019	0.0082 U
P,P'-DDT	0.0033	7.9	0.025	0.0026 J	0.064	0.0082 U
Toxaphene	NS	NS	0.081 U	0.09 U	0.075 U	0.082 U
trans-Chlordane	NS	NS	0.0026 J	0.009 U	0.0073 J	0.0082 U

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Compound	AKRF Sample ID		RI-DUP-01_20200521	RI-SB-07_0-2_20200521	RI-SB-07_8-10_20200521	RI-SB-07_11-13_20200521
	NYSDEC UUSCO	NYSDEC RRSCO	460-209410-16	460-209410-9	460-209410-10	460-209410-11
			5/21/2020	5/21/2020	5/21/2020	5/21/2020
			mg/kg	mg/kg	mg/kg	mg/kg
			1	1	1	1
			CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0075 U	0.0077 U	0.0085 U	0.01 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0023 U	0.0026 U	0.003 U
Alpha Endosulfan	NS	NS	0.0075 U	0.0077 U	0.0085 U	0.01 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0023 U	0.0026 U	0.003 U
Beta Endosulfan	NS	NS	0.0075 U	0.0077 U	0.0085 U	0.01 U
Chlordane, Total	NS	NS	0.075 U	0.077 U	0.068 J	0.1 U
cis-Chlordane	0.094	4.2	0.0075 U	0.0077 U	0.0085 U	0.01 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0023 U	0.0026 U	0.003 U
Dieldrin	0.005	0.2	0.0022 U	0.0023 U	0.0026 U	0.003 U
Endosulfan Sulfate	NS	NS	0.0075 U	0.0077 U	0.0085 U	0.01 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0075 U	0.0077 U	0.0085 U	0.01 U
Endrin Aldehyde	NS	NS	0.0075 U	0.0077 U	0.0085 U	0.01 U
Endrin Ketone	NS	NS	0.0075 U	0.0077 U	0.0085 U	0.01 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0023 U	0.0026 U	0.003 U
Heptachlor	0.042	2.1	0.0075 U	0.0077 U	0.0085 U	0.01 U
Heptachlor Epoxide	NS	NS	0.0075 U	0.0077 U	0.0085 U	0.01 U
Methoxychlor	NS	NS	0.0075 U	0.0077 U	0.0085 U	0.01 U
P,P'-DDD	0.0033	13	0.0075 U	0.0077 U	0.0085 U	0.01 U
P,P'-DDE	0.0033	8.9	0.0075 U	0.0077 U	0.0085 U	0.01 U
P,P'-DDT	0.0033	7.9	0.0075 U	0.0077 U	0.042	0.01 U
Toxaphene	NS	NS	0.075 U	0.077 U	0.085 U	0.1 U
trans-Chlordane	NS	NS	0.0075 U	0.0077 U	0.0085 U	0.01 U

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AKRF Sample ID			RI-SB-08_0-2_20200526	RI-SB-08_11-13_20200526	RI-SB-09_0-2_20200526	RI-SB-09_7-9_20200526
Laboratory Sample ID			460-209651-10	460-209651-11	460-209651-16	460-209651-17
Date Sampled			5/26/2020	5/26/2020	5/26/2020	5/26/2020
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	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 UJ	0.0022 U	0.0023 U	0.0023 U
Alpha Endosulfan	NS	NS	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 UJ	0.0022 U	0.0023 U	0.0023 U
Beta Endosulfan	NS	NS	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U
Chlordane, Total	NS	NS	0.077 UJ	0.073 U	0.076 U	0.078 U
cis-Chlordane	0.094	4.2	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 UJ	0.0022 U	0.0023 U	0.0023 U
Dieldrin	0.005	0.2	0.0023 UJ	0.0022 U	0.0023 U	0.0023 U
Endosulfan Sulfate	NS	NS	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U
Endosulfans ABS	2.4	24	0 UJ	0 U	0 U	0 U
Endrin	0.014	11	0.0077 U	0.0073 U	0.0076 U	0.0078 U
Endrin Aldehyde	NS	NS	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U
Endrin Ketone	NS	NS	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 UJ	0.0022 U	0.0023 U	0.0023 U
Heptachlor	0.042	2.1	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U
Heptachlor Epoxide	NS	NS	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U
Methoxychlor	NS	NS	0.0077 U	0.0073 U	0.0076 U	0.0078 U
P,P'-DDD	0.0033	13	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U
P,P'-DDE	0.0033	8.9	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U
P,P'-DDT	0.0033	7.9	0.0077 U	0.017 J	0.0064 J	0.0053 J
Toxaphene	NS	NS	0.077 UJ	0.073 U	0.076 U	0.078 U
trans-Chlordane	NS	NS	0.0077 UJ	0.0073 U	0.0076 U	0.0078 U

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Compound	AKRF Sample ID		RI-SB-09_11-13_20200526	RI-SB-10_0-2_20200526	RI-SB-10_7-9_20200526	RI-SB-10_11-13_20200526
	NYSDEC UUSCO	NYSDEC RRSCO	460-209651-18	460-209651-3	460-209651-4	460-209651-5
	Laboratory Sample ID		5/26/2020	5/26/2020	5/26/2020	5/26/2020
	Date Sampled		mg/kg	mg/kg	mg/kg	mg/kg
	Unit		1	1	1	1
	Dilution Factor		CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0082 U	0.0076 U	0.0074 U	0.0071 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024 U	0.0023 U	0.0022 U	0.0021 U
Alpha Endosulfan	NS	NS	0.0082 U	0.0076 U	0.0074 U	0.0071 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024 U	0.0023 U	0.0022 U	0.0021 U
Beta Endosulfan	NS	NS	0.0082 U	0.0076 U	0.0074 U	0.0071 U
Chlordane, Total	NS	NS	0.082 U	0.076 U	0.074 U	0.071 U
cis-Chlordane	0.094	4.2	0.0082 U	0.0076 U	0.0074 U	0.0055 J
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024 U	0.0023 U	0.0022 U	0.0021 U
Dieldrin	0.005	0.2	0.0024 U	0.0032	0.0022 U	0.0021 U
Endosulfan Sulfate	NS	NS	0.0082 U	0.0076 U	0.0074 U	0.0071 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0082 U	0.0076 U	0.0074 U	0.0071 U
Endrin Aldehyde	NS	NS	0.0082 U	0.0076 U	0.0074 U	0.0071 U
Endrin Ketone	NS	NS	0.0082 U	0.0076 U	0.0074 U	0.0071 U
Gamma Bhc (Lindane)	0.1	1.3	0.0024 U	0.0023 U	0.0022 U	0.0021 U
Heptachlor	0.042	2.1	0.0082 U	0.0076 U	0.0074 U	0.0071 U
Heptachlor Epoxide	NS	NS	0.0082 U	0.0076 U	0.0074 U	0.0071 U
Methoxychlor	NS	NS	0.0082 U	0.0076 U	0.0074 U	0.0071 U
P,P'-DDD	0.0033	13	0.0082 U	0.0076 U	0.0074 U	0.0071 U
P,P'-DDE	0.0033	8.9	0.0082 U	0.0076 U	0.0074 U	0.0071 U
P,P'-DDT	0.0033	7.9	0.0082 U	0.011	0.018	0.0071 U
Toxaphene	NS	NS	0.082 U	0.076 U	0.074 U	0.071 U
trans-Chlordane	NS	NS	0.0082 U	0.0076 U	0.0074 U	0.003 J

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AKRF Sample ID			RI-SB-11_0-2_20200526	RI-SB-11_11-13_20200526	RI-SB-12_0-2_20200521	RI-SB-12_11-13_20200521
Laboratory Sample ID			460-209651-6	460-209651-7	460-209410-12	460-209410-13
Date Sampled			5/26/2020	5/26/2020	5/21/2020	5/21/2020
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	0.0077 U	0.009 U	0.0074 U	0.0073 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0027 U	0.0022 U	0.0022 U
Alpha Endosulfan	NS	NS	0.0077 U	0.009 U	0.0074 U	0.0073 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0027 U	0.0022 U	0.0022 U
Beta Endosulfan	NS	NS	0.0077 U	0.009 U	0.0074 U	0.0073 U
Chlordane, Total	NS	NS	0.077 U	0.09 U	0.051 J	0.073 U
cis-Chlordane	0.094	4.2	0.0077 U	0.009 U	0.0078 J	0.0073 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0027 U	0.0022 U	0.0022 U
Dieldrin	0.005	0.2	0.014	0.0027 U	0.0022 U	0.0022 U
Endosulfan Sulfate	NS	NS	0.0077 U	0.009 U	0.0074 U	0.0073 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0077 U	0.009 U	0.0074 U	0.0073 U
Endrin Aldehyde	NS	NS	0.0077 U	0.009 U	0.0074 U	0.0073 U
Endrin Ketone	NS	NS	0.0077 U	0.009 U	0.0074 U	0.0073 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0027 U	0.0022 U	0.0022 U
Heptachlor	0.042	2.1	0.0077 U	0.009 U	0.0074 U	0.0073 U
Heptachlor Epoxide	NS	NS	0.0077 U	0.009 U	0.0074 U	0.0073 U
Methoxychlor	NS	NS	0.0077 U	0.009 U	0.0074 U	0.0073 U
P,P'-DDD	0.0033	13	0.0077 U	0.009 U	0.0074 U	0.0073 U
P,P'-DDE	0.0033	8.9	0.0077 U	0.009 U	0.0033 J	0.0073 U
P,P'-DDT	0.0033	7.9	0.079 J	0.014 J	0.0092 J	0.0073 U
Toxaphene	NS	NS	0.077 U	0.09 U	0.074 U	0.073 U
trans-Chlordane	NS	NS	0.0077 U	0.009 U	0.0048 J	0.0073 U

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AKRF Sample ID			RI-SB-13_0-2_20200526	RI-SB-13_11-13_20200526	RI-SB-14_0-2_20200526	RI-SB-14_9-11_20200526
Laboratory Sample ID			460-209651-1	460-209651-2	460-209651-8	460-209651-9
Date Sampled			5/26/2020	5/26/2020	5/26/2020	5/26/2020
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	0.0076 U	0.008 U	0.0077 U	0.0082 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0024 U	0.0023 U	0.0024 U
Alpha Endosulfan	NS	NS	0.0076 U	0.008 U	0.0077 U	0.0082 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0024 U	0.0023 U	0.0024 U
Beta Endosulfan	NS	NS	0.0076 U	0.008 U	0.0077 U	0.0082 U
Chlordane, Total	NS	NS	0.076 U	0.08 U	0.077 U	0.082 U
cis-Chlordane	0.094	4.2	0.0047 J	0.0063 J	0.0093	0.015
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0024 U	0.0023 U	0.0024 U
Dieldrin	0.005	0.2	0.0082	0.0058	0.0092 J	0.013 J
Endosulfan Sulfate	NS	NS	0.0076 U	0.008 U	0.0077 U	0.0082 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0076 U	0.008 U	0.0077 U	0.0082 U
Endrin Aldehyde	NS	NS	0.0076 U	0.008 U	0.0077 U	0.0082 U
Endrin Ketone	NS	NS	0.0076 U	0.008 U	0.0077 U	0.0082 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0024 U	0.0023 U	0.0024 U
Heptachlor	0.042	2.1	0.0076 U	0.008 U	0.0077 U	0.0082 U
Heptachlor Epoxide	NS	NS	0.0076 U	0.008 U	0.0077 U	0.0082 U
Methoxychlor	NS	NS	0.0076 U	0.008 U	0.0077 U	0.0082 U
P,P'-DDD	0.0033	13	0.0043 JN	0.0058 J	0.013	0.018
P,P'-DDE	0.0033	8.9	0.016	0.008 U	0.0095 JN	0.0082 U
P,P'-DDT	0.0033	7.9	0.021	0.03	0.048	0.08
Toxaphene	NS	NS	0.076 U	0.08 U	0.077 U	0.082 U
trans-Chlordane	NS	NS	0.0041 J	0.0056 J	0.0065 J	0.015

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Compound	AKRF Sample ID		RI-DUP-02_20200522	RI-SB-15_0-2_20200522	RI-SB-15_11-13_20200522	RI-SB-16_0-2_20200522
	NYSDEC UUSCO	NYSDEC RRSCO	460-209487-18	460-209487-7	460-209487-8	460-209487-4
			5/22/2020	5/22/2020	5/22/2020	5/22/2020
			mg/kg	mg/kg	mg/kg	mg/kg
			1	1	1	1
			CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0079 U	0.0075 U	0.0074 U	0.0077 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.0023 U	0.0022 U	0.0023 U
Alpha Endosulfan	NS	NS	0.0079 U	0.0075 U	0.0074 U	0.0077 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.0023 U	0.0022 U	0.0023 U
Beta Endosulfan	NS	NS	0.0079 U	0.0075 U	0.0074 U	0.0077 U
Chlordane, Total	NS	NS	0.079 U	0.075 U	0.074 U	0.077 U
cis-Chlordane	0.094	4.2	0.0079 U	0.0075 U	0.0074 U	0.0043 J
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.0023 U	0.0022 U	0.0023 U
Dieldrin	0.005	0.2	0.0047	0.0023 U	0.0022 U	0.01
Endosulfan Sulfate	NS	NS	0.0079 U	0.0075 U	0.0074 U	0.0077 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0079 U	0.0075 U	0.0074 U	0.0077 U
Endrin Aldehyde	NS	NS	0.0079 U	0.0075 U	0.0074 U	0.0077 U
Endrin Ketone	NS	NS	0.0079 U	0.0075 U	0.0074 U	0.0077 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.0023 U	0.0022 U	0.0023 U
Heptachlor	0.042	2.1	0.0079 U	0.0075 U	0.0074 U	0.0077 U
Heptachlor Epoxide	NS	NS	0.0079 U	0.0075 U	0.0074 U	0.0077 U
Methoxychlor	NS	NS	0.0079 U	0.0075 U	0.0074 U	0.0077 U
P,P'-DDD	0.0033	13	0.012 J	0.0075 U	0.0074 U	0.0077 U
P,P'-DDE	0.0033	8.9	0.2 J	0.0075 U	0.0074 U	0.017
P,P'-DDT	0.0033	7.9	0.3	0.064 JL	0.0099	0.046
Toxaphene	NS	NS	0.079 U	0.075 U	0.074 U	0.077 U
trans-Chlordane	NS	NS	0.0079 U	0.0075 U	0.0074 U	0.0043 J

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AKRF Sample ID			RI-SB-16_7-9_20200522	RI-SB-16_11-13_20200522	RI-SB-17_0-2_20200521	RI-SB-17_7-9_20200521
Laboratory Sample ID			460-209487-6	460-209487-5	460-209410-6	460-209410-7
Date Sampled			5/22/2020	5/22/2020	5/21/2020	5/21/2020
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	0.0086 U	0.0091 U	0.0077 U	0.0076 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0026 U	0.0027 U	0.0023 U	0.0023 U
Alpha Endosulfan	NS	NS	0.0086 U	0.0091 U	0.0077 U	0.0076 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0026 U	0.0027 U	0.0023 U	0.0023 U
Beta Endosulfan	NS	NS	0.0086 U	0.0091 U	0.0077 U	0.0076 U
Chlordane, Total	NS	NS	0.086 U	0.091 U	0.077 U	0.082
cis-Chlordane	0.094	4.2	0.0086 U	0.0091 U	0.016 J	0.012 J
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0026 U	0.0027 U	0.0023 U	0.0023 U
Dieldrin	0.005	0.2	0.0026 U	0.0027 U	0.02	0.0083
Endosulfan Sulfate	NS	NS	0.0086 U	0.0091 U	0.0077 U	0.0076 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0086 U	0.0091 U	0.0077 U	0.0076 U
Endrin Aldehyde	NS	NS	0.0086 U	0.0091 U	0.0077 U	0.0076 U
Endrin Ketone	NS	NS	0.0086 U	0.0091 U	0.0077 U	0.0076 U
Gamma Bhc (Lindane)	0.1	1.3	0.0026 U	0.0027 U	0.0023 U	0.0023 U
Heptachlor	0.042	2.1	0.0086 U	0.0091 U	0.0077 U	0.0076 U
Heptachlor Epoxide	NS	NS	0.0086 U	0.0091 U	0.0077 U	0.0076 U
Methoxychlor	NS	NS	0.0086 U	0.0091 U	0.0077 U	0.0076 U
P,P'-DDD	0.0033	13	0.0086 U	0.0091 U	0.0077 U	0.024
P,P'-DDE	0.0033	8.9	0.0086 U	0.0091 U	0.034	0.013
P,P'-DDT	0.0033	7.9	0.0086 U	0.0091 U	0.1	0.028
Toxaphene	NS	NS	0.086 U	0.091 U	0.077 U	0.076 U
trans-Chlordane	NS	NS	0.0086 U	0.0091 U	0.015	0.011

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AKRF Sample ID			RI-SB-17_11-13_20200521	RI-SB-18_0-2_20200521	RI-SB-18_8-10_20200521	RI-SB-18_11-13_20200521
Laboratory Sample ID			460-209410-8	460-209410-1	460-209410-2	460-209410-3
Date Sampled			5/21/2020	5/21/2020	5/21/2020	5/21/2020
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	0.008 U	0.0074 U	0.0071 U	0.0078 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024 U	0.0022 U	0.0021 U	0.0023 U
Alpha Endosulfan	NS	NS	0.008 U	0.0074 U	0.0071 U	0.0078 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024 U	0.0022 U	0.0021 U	0.0023 U
Beta Endosulfan	NS	NS	0.008 U	0.0074 U	0.0071 U	0.0078 U
Chlordane, Total	NS	NS	0.08 U	0.074 U	0.071 U	0.078 U
cis-Chlordane	0.094	4.2	0.008 U	0.0045 JN	0.0071 U	0.0078 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024 U	0.0022 U	0.0021 U	0.0023 U
Dieldrin	0.005	0.2	0.0024 U	0.0065	0.0021 U	0.0023 U
Endosulfan Sulfate	NS	NS	0.008 U	0.0074 U	0.0071 U	0.0078 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.008 U	0.0074 U	0.0071 U	0.0078 U
Endrin Aldehyde	NS	NS	0.008 U	0.0074 U	0.0071 U	0.0078 U
Endrin Ketone	NS	NS	0.008 U	0.0074 U	0.0071 U	0.0078 U
Gamma Bhc (Lindane)	0.1	1.3	0.0024 U	0.0022 U	0.0021 U	0.0023 U
Heptachlor	0.042	2.1	0.008 U	0.0074 U	0.0071 U	0.0078 U
Heptachlor Epoxide	NS	NS	0.008 U	0.0074 U	0.0071 U	0.0078 U
Methoxychlor	NS	NS	0.008 U	0.0074 U	0.0071 U	0.0078 U
P,P'-DDD	0.0033	13	0.008 U	0.0054 J	0.0071 U	0.0078 U
P,P'-DDE	0.0033	8.9	0.008 U	0.0096 J	0.0071 U	0.0078 U
P,P'-DDT	0.0033	7.9	0.008 U	0.012	0.012	0.02 J
Toxaphene	NS	NS	0.08 U	0.074 U	0.071 U	0.078 U
trans-Chlordane	NS	NS	0.008 U	0.0055 J	0.0071 U	0.0078 U

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Compound	AKRF Sample ID		RI-SB-19_0-2_20200526	RI-DUP-03_20200526	RI-SB-19_11-13_20200526	RI-SB-20_0-2_20200526
	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0073 U	0.0089 U	0.0086 U	0.0086 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022 U	0.0027 U	0.0026 U	0.0026 U
Alpha Endosulfan	NS	NS	0.0073 U	0.0089 U	0.0086 U	0.0086 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022 U	0.0027 U	0.0026 U	0.0026 U
Beta Endosulfan	NS	NS	0.0073 U	0.0089 U	0.0086 U	0.0086 U
Chlordane, Total	NS	NS	0.073 U	0.089 U	0.086 U	0.086 U
cis-Chlordane	0.094	4.2	0.0073 U	0.0089 U	0.0086 U	0.0086 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022 U	0.0027 U	0.0026 U	0.0026 U
Dieldrin	0.005	0.2	0.0022 U	0.0027 U	0.0026 U	0.0026 U
Endosulfan Sulfate	NS	NS	0.0073 U	0.0089 U	0.0086 U	0.0086 U
Endosulfans ABS	2.4	24	0 U	0 U	0 U	0 U
Endrin	0.014	11	0.0073 U	0.0089 U	0.0086 U	0.0086 U
Endrin Aldehyde	NS	NS	0.0073 U	0.0089 U	0.0086 U	0.0086 U
Endrin Ketone	NS	NS	0.0073 U	0.0089 U	0.0086 U	0.0086 U
Gamma Bhc (Lindane)	0.1	1.3	0.0022 U	0.0027 U	0.0026 U	0.0026 U
Heptachlor	0.042	2.1	0.0073 U	0.0089 U	0.0086 U	0.0086 U
Heptachlor Epoxide	NS	NS	0.0073 U	0.0089 U	0.0086 U	0.0086 U
Methoxychlor	NS	NS	0.0073 U	0.0089 U	0.0086 U	0.0086 U
P,P'-DDD	0.0033	13	0.0073 U	0.0089 U	0.0086 U	0.0086 U
P,P'-DDE	0.0033	8.9	0.0073 U	0.0089 U	0.0086 U	0.0086 U
P,P'-DDT	0.0033	7.9	0.055	0.0089 U	0.0039 J	0.03 JN
Toxaphene	NS	NS	0.073 U	0.089 U	0.086 U	0.086 U
trans-Chlordane	NS	NS	0.0073 U	0.0089 U	0.0086 U	0.0086 U

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Compound	AKRF Sample ID		RI-SB-20_11-13_20200526	RI-FB-01_20200522	RI-FB-02_20200526	RI-FB-03_20200526
	NYSDEC UUSCO	NYSDEC RRSCO	460-209651-15	460-209487-20	460-209651-20	460-209651-22
	Date Sampled		5/26/2020	5/22/2020	5/26/2020	5/26/2020
	Unit		mg/kg	µg/L	µg/L	µg/L
	Dilution Factor		1	1	1	1
			CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.005	0.097	0.0077 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	NS	0.0077 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	NS	0.0077 U	0.02 U	0.02 U	0.02 U
Chlordane, Total	NS	NS	0.077 U	0.5 U	0.5 U	0.5 U
cis-Chlordane	0.094	4.2	0.0077 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.005	0.2	0.0023 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	NS	0.0077 U	0.02 U	0.02 U	0.02 U
Endosulfans ABS	2.4	24	0 U	NR	NR	NR
Endrin	0.014	11	0.0077 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	NS	NS	0.0077 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	NS	NS	0.0077 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.1	1.3	0.0023 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.042	2.1	0.0077 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	NS	NS	0.0077 U	0.02 U	0.02 U	0.02 U
Methoxychlor	NS	NS	0.0077 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.0033	13	0.0077 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.0033	8.9	0.0077 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.0033	7.9	0.0085	0.02 U	0.02 U	0.02 U
Toxaphene	NS	NS	0.077 U	0.5 U	0.5 U	0.5 U
trans-Chlordane	NS	NS	0.0077 U	0.02 U	0.02 U	0.02 U

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-SB-01_0-2_20200522 460-209487-15 5/22/2020 mg/kg 1	RI-SB-01_6-8_20200522 460-209487-16 5/22/2020 mg/kg 1	RI-SB-01_11-13_20200522 460-209487-17 5/22/2020 mg/kg 1	RI-SB-02_0-2_20200522 460-209487-12 5/22/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.079 U	0.074 U	0.072 U	0.074 U	0.074 U
PCB-1221 (Aroclor 1221)	NS	NS	0.079 U	0.074 U	0.072 U	0.074 U	0.074 U
PCB-1232 (Aroclor 1232)	NS	NS	0.079 U	0.074 U	0.072 U	0.074 U	0.074 U
PCB-1242 (Aroclor 1242)	NS	NS	0.29	0.074 U	0.072 U	0.074 U	0.074 U
PCB-1248 (Aroclor 1248)	NS	NS	0.079 U	0.14	0.072 U	0.074 U	0.074 U
PCB-1254 (Aroclor 1254)	NS	NS	0.079 U	0.074 U	0.072 U	0.074 U	0.074 U
PCB-1260 (Aroclor 1260)	NS	NS	0.079 U	0.074 U	0.072 U	0.074 U	0.074 U
PCB-1262 (Aroclor 1262)	NS	NS	0.079 U	0.074 U	0.072 U	0.074 U	0.074 U
PCB-1268 (Aroclor 1268)	NS	NS	0.079 U	0.074 U	0.072 U	0.074 U	0.074 U
Total PCBs	0.1	1	0.29	0.14	0.072 U	0.074 U	0.074 U

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-SB-02_7-9_20200522 460-209487-13 5/22/2020 mg/kg 1	RI-SB-02_11-13_20200522 460-209487-14 5/22/2020 mg/kg 1	RI-SB-03_0-2_20200522 460-209487-9 5/22/2020 mg/kg 1	RI-SB-03_8-10_20200522 460-209487-10 5/22/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.08 U	0.074 U	0.075 U	0.079 U	0.079 U
PCB-1221 (Aroclor 1221)	NS	NS	0.08 U	0.074 U	0.075 U	0.079 U	0.079 U
PCB-1232 (Aroclor 1232)	NS	NS	0.08 U	0.074 U	0.075 U	0.079 U	0.079 U
PCB-1242 (Aroclor 1242)	NS	NS	0.08 U	0.074 U	0.075 U	0.079 U	0.079 U
PCB-1248 (Aroclor 1248)	NS	NS	0.08 U	0.074 U	0.075 U	0.079 U	0.079 U
PCB-1254 (Aroclor 1254)	NS	NS	0.08 U	0.074 U	0.075 U	0.079 U	0.079 U
PCB-1260 (Aroclor 1260)	NS	NS	0.08 U	0.074 U	0.075 U	0.079 U	0.079 U
PCB-1262 (Aroclor 1262)	NS	NS	0.08 U	0.074 U	0.075 U	0.079 U	0.079 U
PCB-1268 (Aroclor 1268)	NS	NS	0.08 U	0.074 U	0.075 U	0.079 U	0.079 U
Total PCBs	0.1	1	0.08 U	0.074 U	0.075 U	0.079 U	0.079 U

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-SB-03_11-13_20200522 460-209487-11 5/22/2020 mg/kg 1	RI-SB-04_0-2_20200521 460-209410-14 5/21/2020 mg/kg 1	RI-SB-04_11-13_20200521 460-209410-15 5/21/2020 mg/kg 1	RI-SB-05_0-2_20200522 460-209487-1 5/22/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.091 U	0.074 U	0.077 U	0.078 U	0.078 U
PCB-1221 (Aroclor 1221)	NS	NS	0.091 U	0.074 U	0.077 U	0.078 U	0.078 U
PCB-1232 (Aroclor 1232)	NS	NS	0.091 U	0.074 U	0.077 U	0.078 U	0.078 U
PCB-1242 (Aroclor 1242)	NS	NS	0.091 U	0.074 U	0.077 U	0.078 U	0.078 U
PCB-1248 (Aroclor 1248)	NS	NS	0.091 U	0.074 U	0.077 U	0.078 U	0.078 U
PCB-1254 (Aroclor 1254)	NS	NS	0.091 U	0.074 U	0.077 U	0.078 U	0.078 U
PCB-1260 (Aroclor 1260)	NS	NS	0.091 U	0.074 U	0.077 U	0.085	0.085
PCB-1262 (Aroclor 1262)	NS	NS	0.091 U	0.074 U	0.077 U	0.078 U	0.078 U
PCB-1268 (Aroclor 1268)	NS	NS	0.091 U	0.074 U	0.077 U	0.078 U	0.078 U
Total PCBs	0.1	1	0.091 U	0.074 U	0.077 U	0.085	0.085

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-SB-05_6-8_20200522 460-209487-2 5/22/2020 mg/kg 1	RI-SB-05_11-13_20200522 460-209487-3 5/22/2020 mg/kg 1	RI-SB-06_0-2_20200521 460-209410-4 5/21/2020 mg/kg 1	RI-SB-06_11-13_20200521 460-209410-5 5/21/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.081 U	0.09 U	0.075 U	0.082 U	0.082 U
PCB-1221 (Aroclor 1221)	NS	NS	0.081 U	0.09 U	0.075 U	0.082 U	0.082 U
PCB-1232 (Aroclor 1232)	NS	NS	0.081 U	0.09 U	0.075 U	0.082 U	0.082 U
PCB-1242 (Aroclor 1242)	NS	NS	0.081 U	0.09 U	0.075 U	0.082 U	0.082 U
PCB-1248 (Aroclor 1248)	NS	NS	0.081 U	0.09 U	0.075 U	0.082 U	0.082 U
PCB-1254 (Aroclor 1254)	NS	NS	0.081 U	0.09 U	0.075 U	0.082 U	0.082 U
PCB-1260 (Aroclor 1260)	NS	NS	0.081 U	0.09 U	0.075 U	0.082 U	0.082 U
PCB-1262 (Aroclor 1262)	NS	NS	0.081 U	0.09 U	0.075 U	0.082 U	0.082 U
PCB-1268 (Aroclor 1268)	NS	NS	0.081 U	0.09 U	0.075 U	0.082 U	0.082 U
Total PCBs	0.1	1	0.081 U	0.09 U	0.075 U	0.082 U	0.082 U

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-DUP-01_20200521 460-209410-16 5/21/2020 mg/kg 1	RI-SB-07_0-2_20200521 460-209410-9 5/21/2020 mg/kg 1	RI-SB-07_8-10_20200521 460-209410-10 5/21/2020 mg/kg 1	RI-SB-07_11-13_20200521 460-209410-11 5/21/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.075 U	0.077 U	0.085 U	0.1 U	0.1 U
PCB-1221 (Aroclor 1221)	NS	NS	0.075 U	0.077 U	0.085 U	0.1 U	0.1 U
PCB-1232 (Aroclor 1232)	NS	NS	0.075 U	0.077 U	0.085 U	0.1 U	0.1 U
PCB-1242 (Aroclor 1242)	NS	NS	0.075 U	0.077 U	0.085 U	0.1 U	0.1 U
PCB-1248 (Aroclor 1248)	NS	NS	0.075 U	0.077 U	0.085 U	0.1 U	0.1 U
PCB-1254 (Aroclor 1254)	NS	NS	0.075 U	0.077 U	0.085 U	0.1 U	0.1 U
PCB-1260 (Aroclor 1260)	NS	NS	0.075 U	0.077 U	0.081 J	0.1 U	0.1 U
PCB-1262 (Aroclor 1262)	NS	NS	0.075 U	0.077 U	0.085 U	0.1 U	0.1 U
PCB-1268 (Aroclor 1268)	NS	NS	0.075 U	0.077 U	0.085 U	0.1 U	0.1 U
Total PCBs	0.1	1	0.075 U	0.077 U	0.081 J	0.1 U	0.1 U

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-SB-08_0-2_20200526 460-209651-10 5/26/2020 mg/kg 1	RI-SB-08_11-13_20200526 460-209651-11 5/26/2020 mg/kg 1	RI-SB-09_0-2_20200526 460-209651-16 5/26/2020 mg/kg 1	RI-SB-09_7-9_20200526 460-209651-17 5/26/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.077 U	0.073 U	0.076 U	0.078 U	0.078 U
PCB-1221 (Aroclor 1221)	NS	NS	0.077 U	0.073 U	0.076 U	0.078 U	0.078 U
PCB-1232 (Aroclor 1232)	NS	NS	0.077 U	0.073 U	0.076 U	0.078 U	0.078 U
PCB-1242 (Aroclor 1242)	NS	NS	0.077 U	0.073 U	0.076 U	0.078 U	0.078 U
PCB-1248 (Aroclor 1248)	NS	NS	0.077 U	0.097	0.076 U	0.078 U	0.078 U
PCB-1254 (Aroclor 1254)	NS	NS	0.077 U	0.073 U	0.076 U	0.078 U	0.078 U
PCB-1260 (Aroclor 1260)	NS	NS	0.077 U	0.073 U	0.076 U	0.078 U	0.078 U
PCB-1262 (Aroclor 1262)	NS	NS	0.077 U	0.073 U	0.076 U	0.078 U	0.078 U
PCB-1268 (Aroclor 1268)	NS	NS	0.077 U	0.073 U	0.076 U	0.078 U	0.078 U
Total PCBs	0.1	1	0.077 U	0.097	0.076 U	0.078 U	0.078 U

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-SB-09_11-13_20200526 460-209651-18 5/26/2020 mg/kg 1	RI-SB-10_0-2_20200526 460-209651-3 5/26/2020 mg/kg 1	RI-SB-10_7-9_20200526 460-209651-4 5/26/2020 mg/kg 1	RI-SB-10_11-13_20200526 460-209651-5 5/26/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.082 U	0.076 U	0.074 U	0.071 U	0.071 U
PCB-1221 (Aroclor 1221)	NS	NS	0.082 U	0.076 U	0.074 U	0.071 U	0.071 U
PCB-1232 (Aroclor 1232)	NS	NS	0.082 U	0.076 U	0.074 U	0.071 U	0.071 U
PCB-1242 (Aroclor 1242)	NS	NS	0.082 U	0.076 U	0.074 U	0.071 U	0.071 U
PCB-1248 (Aroclor 1248)	NS	NS	0.082 U	0.076 U	0.074 U	0.071 U	0.071 U
PCB-1254 (Aroclor 1254)	NS	NS	0.082 U	0.076 U	0.074 U	0.071 U	0.071 U
PCB-1260 (Aroclor 1260)	NS	NS	0.082 U	0.076 U	0.074 U	0.071 U	0.071 U
PCB-1262 (Aroclor 1262)	NS	NS	0.082 U	0.076 U	0.074 U	0.071 U	0.071 U
PCB-1268 (Aroclor 1268)	NS	NS	0.082 U	0.076 U	0.074 U	0.071 U	0.071 U
Total PCBs	0.1	1	0.082 U	0.076 U	0.074 U	0.071 U	0.071 U

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 Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-SB-11_0-2_20200526 460-209651-6 5/26/2020 mg/kg 1	RI-SB-11_11-13_20200526 460-209651-7 5/26/2020 mg/kg 1	RI-SB-12_0-2_20200521 460-209410-12 5/21/2020 mg/kg 1	RI-SB-12_11-13_20200521 460-209410-13 5/21/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.077 U	0.09 U	0.074 U	0.073 U	0.073 U
PCB-1221 (Aroclor 1221)	NS	NS	0.077 U	0.09 U	0.074 U	0.073 U	0.073 U
PCB-1232 (Aroclor 1232)	NS	NS	0.077 U	0.09 U	0.074 U	0.073 U	0.073 U
PCB-1242 (Aroclor 1242)	NS	NS	0.077 U	0.09 U	0.074 U	0.073 U	0.073 U
PCB-1248 (Aroclor 1248)	NS	NS	0.077 U	0.09 U	0.074 U	0.073 U	0.073 U
PCB-1254 (Aroclor 1254)	NS	NS	0.077 U	0.09 U	0.074 U	0.073 U	0.073 U
PCB-1260 (Aroclor 1260)	NS	NS	0.077 U	0.09 U	0.074 U	0.073 U	0.073 U
PCB-1262 (Aroclor 1262)	NS	NS	0.077 U	0.09 U	0.074 U	0.073 U	0.073 U
PCB-1268 (Aroclor 1268)	NS	NS	0.077 U	0.09 U	0.074 U	0.073 U	0.073 U
Total PCBs	0.1	1	0.077 U	0.09 U	0.074 U	0.073 U	0.073 U

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-SB-13_0-2_20200526 460-209651-1 5/26/2020 mg/kg 1	RI-SB-13_11-13_20200526 460-209651-2 5/26/2020 mg/kg 1	RI-SB-14_0-2_20200526 460-209651-8 5/26/2020 mg/kg 1	RI-SB-14_9-11_20200526 460-209651-9 5/26/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.076 U	0.08 U	0.077 U	0.082 U	0.082 U
PCB-1221 (Aroclor 1221)	NS	NS	0.076 U	0.08 U	0.077 U	0.082 U	0.082 U
PCB-1232 (Aroclor 1232)	NS	NS	0.076 U	0.08 U	0.077 U	0.082 U	0.082 U
PCB-1242 (Aroclor 1242)	NS	NS	0.076 U	0.08 U	0.077 U	0.082 U	0.082 U
PCB-1248 (Aroclor 1248)	NS	NS	0.076 U	0.08 U	0.077 U	0.082 U	0.082 U
PCB-1254 (Aroclor 1254)	NS	NS	0.076 U	0.08 U	0.077 U	0.082 U	0.082 U
PCB-1260 (Aroclor 1260)	NS	NS	0.076 U	0.08 U	0.097	0.095	0.095
PCB-1262 (Aroclor 1262)	NS	NS	0.076 U	0.08 U	0.077 U	0.082 U	0.082 U
PCB-1268 (Aroclor 1268)	NS	NS	0.076 U	0.08 U	0.077 U	0.082 U	0.082 U
Total PCBs	0.1	1	0.076 U	0.08 U	0.097	0.095	0.095

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-DUP-02_20200522 460-209487-18 5/22/2020 mg/kg 1	RI-SB-15_0-2_20200522 460-209487-7 5/22/2020 mg/kg 1	RI-SB-15_11-13_20200522 460-209487-8 5/22/2020 mg/kg 1	RI-SB-16_0-2_20200522 460-209487-4 5/22/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.079 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1221 (Aroclor 1221)	NS	NS	0.079 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1232 (Aroclor 1232)	NS	NS	0.079 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1242 (Aroclor 1242)	NS	NS	0.079 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1248 (Aroclor 1248)	NS	NS	0.079 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1254 (Aroclor 1254)	NS	NS	0.079 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1260 (Aroclor 1260)	NS	NS	0.079 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1262 (Aroclor 1262)	NS	NS	0.079 U	0.075 U	0.074 U	0.077 U	0.077 U
PCB-1268 (Aroclor 1268)	NS	NS	0.079 U	0.075 U	0.074 U	0.077 U	0.077 U
Total PCBs	0.1	1	0.079 U	0.075 U	0.074 U	0.077 U	0.077 U

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-SB-16_7-9_20200522 460-209487-6 5/22/2020 mg/kg 1	RI-SB-16_11-13_20200522 460-209487-5 5/22/2020 mg/kg 1	RI-SB-17_0-2_20200521 460-209410-6 5/21/2020 mg/kg 1	RI-SB-17_7-9_20200521 460-209410-7 5/21/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.086 U	0.091 U	0.077 U	0.076 U	0.076 U
PCB-1221 (Aroclor 1221)	NS	NS	0.086 U	0.091 U	0.077 U	0.076 U	0.076 U
PCB-1232 (Aroclor 1232)	NS	NS	0.086 U	0.091 U	0.077 U	0.076 U	0.076 U
PCB-1242 (Aroclor 1242)	NS	NS	0.086 U	0.091 U	0.077 U	0.076 U	0.076 U
PCB-1248 (Aroclor 1248)	NS	NS	0.086 U	0.091 U	0.077 U	0.076 U	0.076 U
PCB-1254 (Aroclor 1254)	NS	NS	0.086 U	0.091 U	0.077 U	0.076 U	0.076 U
PCB-1260 (Aroclor 1260)	NS	NS	0.086 U	0.091 U	0.077 U	0.076 U	0.076 U
PCB-1262 (Aroclor 1262)	NS	NS	0.086 U	0.091 U	0.077 U	0.076 U	0.076 U
PCB-1268 (Aroclor 1268)	NS	NS	0.086 U	0.091 U	0.077 U	0.076 U	0.076 U
Total PCBs	0.1	1	0.086 U	0.091 U	0.077 U	0.076 U	0.076 U

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-SB-17_11-13_20200521 460-209410-8 5/21/2020 mg/kg 1	RI-SB-18_0-2_20200521 460-209410-1 5/21/2020 mg/kg 1	RI-SB-18_8-10_20200521 460-209410-2 5/21/2020 mg/kg 1	RI-SB-18_11-13_20200521 460-209410-3 5/21/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.08 U	0.074 U	0.071 U	0.078 U	0.078 U
PCB-1221 (Aroclor 1221)	NS	NS	0.08 U	0.074 U	0.071 U	0.078 U	0.078 U
PCB-1232 (Aroclor 1232)	NS	NS	0.08 U	0.074 U	0.071 U	0.078 U	0.078 U
PCB-1242 (Aroclor 1242)	NS	NS	0.08 U	0.074 U	0.071 U	0.078 U	0.078 U
PCB-1248 (Aroclor 1248)	NS	NS	0.08 U	0.074 U	0.071 U	0.078 U	0.078 U
PCB-1254 (Aroclor 1254)	NS	NS	0.08 U	0.074 U	0.071 U	0.078 U	0.078 U
PCB-1260 (Aroclor 1260)	NS	NS	0.08 U	0.074 U	0.071 U	0.078 U	0.078 U
PCB-1262 (Aroclor 1262)	NS	NS	0.08 U	0.074 U	0.071 U	0.078 U	0.078 U
PCB-1268 (Aroclor 1268)	NS	NS	0.08 U	0.074 U	0.071 U	0.078 U	0.078 U
Total PCBs	0.1	1	0.08 U	0.074 U	0.071 U	0.078 U	0.078 U

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			AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-SB-19_0-2_20200526 460-209651-12 5/26/2020 mg/kg 1	RI-DUP-03_20200526 460-209651-19 5/26/2020 mg/kg 1	RI-SB-19_11-13_20200526 460-209651-13 5/26/2020 mg/kg 1	RI-SB-20_0-2_20200526 460-209651-14 5/26/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.073 U	0.089 U	0.086 U	0.086 U	0.086 U
PCB-1221 (Aroclor 1221)	NS	NS	0.073 U	0.089 U	0.086 U	0.086 U	0.086 U
PCB-1232 (Aroclor 1232)	NS	NS	0.073 U	0.089 U	0.086 U	0.086 U	0.086 U
PCB-1242 (Aroclor 1242)	NS	NS	0.073 U	0.089 U	0.086 U	0.086 U	0.086 U
PCB-1248 (Aroclor 1248)	NS	NS	0.22 J	0.089 U	0.086 U	0.086 U	0.086 U
PCB-1254 (Aroclor 1254)	NS	NS	0.073 U	0.089 U	0.086 U	0.086 U	0.086 U
PCB-1260 (Aroclor 1260)	NS	NS	0.062 J	0.089 U	0.086 U	0.086 U	0.086 U
PCB-1262 (Aroclor 1262)	NS	NS	0.073 U	0.089 U	0.086 U	0.086 U	0.086 U
PCB-1268 (Aroclor 1268)	NS	NS	0.073 U	0.089 U	0.086 U	0.086 U	0.086 U
Total PCBs	0.1	1	0.28	0.089 U	0.086 U	0.086 U	0.086 U

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	AKRF Sample ID Laboratory Sample ID		RI-SB-20_11-13_20200526 460-209651-15	RI-FB-02_20200526 460-209651-20	RI-FB-03_20200526 460-209651-22
	Date Sampled		5/26/2020	5/26/2020	5/26/2020
	Unit		mg/kg	µg/L	µg/L
	Dilution Factor		1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.077 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	NS	0.077 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	NS	0.077 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	NS	0.077 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	NS	0.077 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	NS	0.077 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	NS	0.077 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	NS	0.077 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	NS	0.077 U	0.4 U	0.4 U
Total PCBs	0.1	1	0.077 U	0.4 U	0.4 U

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-01_0-2_20200522 460-209487-15 5/22/2020 mg/kg 1	RI-SB-01_0-2_20200522 460-209487-15 5/22/2020 mg/kg 10	RI-SB-01_6-8_20200522 460-209487-16 5/22/2020 mg/kg 1	RI-SB-01_6-8_20200522 460-209487-16 5/22/2020 mg/kg 10	RI-SB-01_11-13_20200522 460-209487-17 5/22/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	9,330	NR	6,950	NR
Antimony	NS	NS	NR	0.96 UJ	NR	1 U	NR
Arsenic	13	16	NR	5	NR	2.7	NR
Barium	350	400	NR	225 J	NR	64.6	NR
Beryllium	7.2	72	NR	0.39	NR	0.3 J	NR
Cadmium	2.5	4.3	NR	0.82 J	NR	1 U	NR
Calcium	NS	NS	NR	67,800	NR	58,900	NR
Chromium, Hexavalent	1	110	2.4 UJ	NR	2.2 U	NR	2.1 U
Chromium, Total	NS	NS	NR	14.1	NR	12.1	NR
Cobalt	NS	NS	NR	3.7	NR	3.3	NR
Copper	50	270	NR	54.5 J	NR	16.2	NR
Iron	NS	NS	NR	9,310	NR	11,200	NR
Lead	63	400	NR	244 J	NR	27.2	NR
Magnesium	NS	NS	NR	4,700	NR	3,890	NR
Manganese	1,600	2,000	NR	239	NR	204	NR
Mercury	0.18	0.81	0.53	NR	0.014 J	NR	0.036
Nickel	30	310	NR	10.6	NR	9.5	NR
Potassium	NS	NS	NR	1,100 J	NR	833	NR
Selenium	3.9	180	NR	0.49 J	NR	5.1 U	NR
Silver	2	180	NR	0.96 U	NR	1 U	NR
Sodium	NS	NS	NR	850	NR	329	NR
Thallium	NS	NS	NR	0.38 U	NR	0.41 U	NR
Vanadium	NS	NS	NR	24.9 J	NR	15.4	NR
Zinc	109	10,000	NR	230	NR	47.3	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-01_11-13_20200522 460-209487-17 5/22/2020 mg/kg 10	RI-SB-02_0-2_20200522 460-209487-12 5/22/2020 mg/kg 1	RI-SB-02_0-2_20200522 460-209487-12 5/22/2020 mg/kg 10	RI-SB-02_7-9_20200522 460-209487-13 5/22/2020 mg/kg 1	RI-SB-02_7-9_20200522 460-209487-13 5/22/2020 mg/kg 10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	4,990	NR	8,880	NR	9,990
Antimony	NS	NS	1 U	NR	0.88 U	NR	0.33 J
Arsenic	13	16	1.9	NR	2.6	NR	6.2
Barium	350	400	48.3	NR	427	NR	373
Beryllium	7.2	72	0.23 J	NR	0.3 J	NR	0.43
Cadmium	2.5	4.3	1 U	NR	0.3 J	NR	0.6 J
Calcium	NS	NS	15,800	NR	26,300	NR	37,700
Chromium, Hexavalent	1	110	NR	2.2 U	NR	2.4 U	NR
Chromium, Total	NS	NS	25.1	NR	25.5	NR	46.8
Cobalt	NS	NS	5.6	NR	6.9	NR	6.3
Copper	50	270	24.5	NR	27.9	NR	32.5
Iron	NS	NS	12,100	NR	15,700	NR	18,300
Lead	63	400	19.3	NR	62	NR	107
Magnesium	NS	NS	7,030	NR	5,820	NR	4,250
Manganese	1,600	2,000	192	NR	260	NR	276
Mercury	0.18	0.81	NR	0.33	NR	0.36	NR
Nickel	30	310	13.9	NR	16	NR	16.4
Potassium	NS	NS	1,050	NR	4,190	NR	1,960
Selenium	3.9	180	5.1 U	NR	4.4 U	NR	4.8 U
Silver	2	180	1 U	NR	0.88 U	NR	0.96 U
Sodium	NS	NS	249	NR	371	NR	1,010
Thallium	NS	NS	0.13 J	NR	0.2 J	NR	0.38 U
Vanadium	NS	NS	16.7	NR	32.3	NR	26.8
Zinc	109	10,000	56.2	NR	249	NR	631

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-02_11-13_20200522 460-209487-14 5/22/2020 mg/kg 1	RI-SB-02_11-13_20200522 460-209487-14 5/22/2020 mg/kg 10	RI-SB-03_0-2_20200522 460-209487-9 5/22/2020 mg/kg 1	RI-SB-03_0-2_20200522 460-209487-9 5/22/2020 mg/kg 10	RI-SB-03_8-10_20200522 460-209487-10 5/22/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	12,700	NR	10,400	NR
Antimony	NS	NS	NR	0.86 U	NR	0.87 U	NR
Arsenic	13	16	NR	4.4	NR	1.7	NR
Barium	350	400	NR	41.5	NR	146	NR
Beryllium	7.2	72	NR	0.46	NR	0.45	NR
Cadmium	2.5	4.3	NR	0.86 U	NR	0.87 U	NR
Calcium	NS	NS	NR	2,490	NR	29,200	NR
Chromium, Hexavalent	1	110	2.2 U	NR	2.2 U	NR	2.4 U
Chromium, Total	NS	NS	NR	26.5	NR	21.3	NR
Cobalt	NS	NS	NR	8.9	NR	7.8	NR
Copper	50	270	NR	13.4	NR	24.2	NR
Iron	NS	NS	NR	19,000	NR	16,500	NR
Lead	63	400	NR	11	NR	64.4	NR
Magnesium	NS	NS	NR	4,660	NR	5,960	NR
Manganese	1,600	2,000	NR	216	NR	363	NR
Mercury	0.18	0.81	0.0074 J	NR	0.095	NR	NR
Nickel	30	310	NR	18.5	NR	16.8	NR
Potassium	NS	NS	NR	1,260	NR	3,160	NR
Selenium	3.9	180	NR	4.3 U	NR	4.3 U	NR
Silver	2	180	NR	0.86 U	NR	0.87 U	NR
Sodium	NS	NS	NR	126	NR	323	NR
Thallium	NS	NS	NR	0.13 J	NR	0.17 J	NR
Vanadium	NS	NS	NR	29.3	NR	29.8	NR
Zinc	109	10,000	NR	46.8	NR	103	NR

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Soil Analytical Results of Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-03_8-10_20200522 460-209487-10 5/22/2020 mg/kg 3	RI-SB-03_11-13_20200522 460-209487-11 5/22/2020 mg/kg 1	RI-SB-03_11-13_20200522 460-209487-11 5/22/2020 mg/kg 10	RI-SB-04_0-2_20200521 460-209410-14 5/21/2020 mg/kg 1	RI-SB-04_0-2_20200521 460-209410-14 5/21/2020 mg/kg 10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	NR	10,100	NR	14,000
Antimony	NS	NS	NR	NR	1.1 U	NR	0.86 U
Arsenic	13	16	NR	NR	1.4	NR	4.5
Barium	350	400	NR	NR	158	NR	278
Beryllium	7.2	72	NR	NR	0.48	NR	0.65
Cadmium	2.5	4.3	NR	NR	1.1 U	NR	0.3 J
Calcium	NS	NS	NR	NR	4,690	NR	42,600
Chromium, Hexavalent	1	110	NR	2.7 U	NR	2.2 U	NR
Chromium, Total	NS	NS	NR	NR	145	NR	17.2
Cobalt	NS	NS	NR	NR	6.3	NR	5.3
Copper	50	270	NR	NR	10.3	NR	23.2
Iron	NS	NS	NR	NR	9,900	NR	12,100
Lead	63	400	NR	NR	7.7	NR	60.5
Magnesium	NS	NS	NR	NR	3,260	NR	12,800
Manganese	1,600	2,000	NR	NR	76.3	NR	210
Mercury	0.18	0.81	1.8	0.049	NR	0.092	NR
Nickel	30	310	NR	NR	14.3	NR	11
Potassium	NS	NS	NR	NR	627	NR	1,740
Selenium	3.9	180	NR	NR	1.1 J	NR	4.3 U
Silver	2	180	NR	NR	1.1 U	NR	0.86 U
Sodium	NS	NS	NR	NR	121	NR	1,580
Thallium	NS	NS	NR	NR	0.42 U	NR	0.34 U
Vanadium	NS	NS	NR	NR	32.3	NR	27.5
Zinc	109	10,000	NR	NR	132	NR	186

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 Soil Analytical Results of Metals

AKRF Sample ID			RI-SB-04_11-13_20200521	RI-SB-04_11-13_20200521	RI-SB-05_0-2_20200522	RI-SB-05_0-2_20200522	RI-SB-05_0-2_20200522
Laboratory Sample ID			460-209410-15	460-209410-15	460-209487-1	460-209487-1	460-209487-1
Date Sampled			5/21/2020	5/21/2020	5/22/2020	5/22/2020	5/22/2020
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dilution Factor			1	10	1	10	20
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	11,500	NR	6,040 J	NR
Antimony	NS	NS	NR	0.71 J	NR	0.95 UJ	NR
Arsenic	13	16	NR	4	NR	3.5	NR
Barium	350	400	NR	1,440	NR	1,540	NR
Beryllium	7.2	72	NR	0.39	NR	0.3 J	NR
Cadmium	2.5	4.3	NR	0.54 J	NR	0.93 J	NR
Calcium	NS	NS	NR	30,600	NR	55,000 J	NR
Chromium, Hexavalent	1	110	2.3 U	NR	2.3 UJ	NR	NR
Chromium, Total	NS	NS	NR	25.4	NR	12.4	NR
Cobalt	NS	NS	NR	7.3	NR	4.6	NR
Copper	50	270	NR	21.7	NR	23.7	NR
Iron	NS	NS	NR	15,500	NR	10,700	NR
Lead	63	400	NR	953	NR	233	NR
Magnesium	NS	NS	NR	8,970	NR	4,520 J	NR
Manganese	1,600	2,000	NR	349	NR	168	NR
Mercury	0.18	0.81	0.18	NR	0.35 J	NR	NR
Nickel	30	310	NR	15.3	NR	10.4	NR
Potassium	NS	NS	NR	2,140	NR	1,100 J	NR
Selenium	3.9	180	NR	4.5 U	NR	4.7 U	NR
Silver	2	180	NR	0.9 U	NR	0.95 U	NR
Sodium	NS	NS	NR	476	NR	498 J	NR
Thallium	NS	NS	NR	0.13 J	NR	0.38 U	NR
Vanadium	NS	NS	NR	31.1	NR	20.4	NR
Zinc	109	10,000	NR	494	NR	NR	912 J

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-05_6-8_20200522 460-209487-2 5/22/2020 mg/kg 1	RI-SB-05_6-8_20200522 460-209487-2 5/22/2020 mg/kg 10	RI-SB-05_11-13_20200522 460-209487-3 5/22/2020 mg/kg 1	RI-SB-05_11-13_20200522 460-209487-3 5/22/2020 mg/kg 10	RI-SB-05_11-13_20200522 460-209487-3 5/22/2020 mg/kg 20
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	8,950	NR	18,200	NR
Antimony	NS	NS	NR	0.29 J	NR	1 U	NR
Arsenic	13	16	NR	5.3	NR	5.1	NR
Barium	350	400	NR	164	NR	145	NR
Beryllium	7.2	72	NR	0.34 J	NR	0.95	NR
Cadmium	2.5	4.3	NR	0.46 J	NR	1.2	NR
Calcium	NS	NS	NR	18,400	NR	10,200	NR
Chromium, Hexavalent	1	110	2.4 U	NR	2.7 U	NR	NR
Chromium, Total	NS	NS	NR	10.8	NR	41.3	NR
Cobalt	NS	NS	NR	3.8	NR	13.5	NR
Copper	50	270	NR	16.7	NR	48.9	NR
Iron	NS	NS	NR	13,900	NR	25,600	NR
Lead	63	400	NR	203	NR	158	NR
Magnesium	NS	NS	NR	2,860	NR	10,000	NR
Manganese	1,600	2,000	NR	203	NR	418	NR
Mercury	0.18	0.81	0.21	NR	0.89	NR	NR
Nickel	30	310	NR	9.8	NR	26.9	NR
Potassium	NS	NS	NR	588	NR	3,020	NR
Selenium	3.9	180	NR	4.9 U	NR	0.37 J	NR
Silver	2	180	NR	0.97 U	NR	1 U	NR
Sodium	NS	NS	NR	1,170	NR	248	NR
Thallium	NS	NS	NR	0.39 U	NR	0.34 J	NR
Vanadium	NS	NS	NR	11.9	NR	41.2	NR
Zinc	109	10,000	NR	233	NR	NR	1,320

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-06_0-2_20200521 460-209410-4 5/21/2020 mg/kg 1	RI-SB-06_0-2_20200521 460-209410-4 5/21/2020 mg/kg 10	RI-SB-06_11-13_20200521 460-209410-5 5/21/2020 mg/kg 1	RI-SB-06_11-13_20200521 460-209410-5 5/21/2020 mg/kg 10	RI-DUP-01_20200521 460-209410-16 5/21/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	5,460	NR	13,400	NR
Antimony	NS	NS	NR	0.87 U	NR	0.91 U	NR
Arsenic	13	16	NR	3.1	NR	4.2	NR
Barium	350	400	NR	756	NR	66.1	NR
Beryllium	7.2	72	NR	0.3 J	NR	0.52	NR
Cadmium	2.5	4.3	NR	0.43 J	NR	0.91 U	NR
Calcium	NS	NS	NR	41,700	NR	3,020	NR
Chromium, Hexavalent	1	110	2.2 U	NR	2.5 U	NR	2.2 U
Chromium, Total	NS	NS	NR	10.8	NR	18.4	NR
Cobalt	NS	NS	NR	3.1	NR	8.6	NR
Copper	50	270	NR	17.9	NR	10.9	NR
Iron	NS	NS	NR	9,760	NR	20,500	NR
Lead	63	400	NR	121	NR	10.9	NR
Magnesium	NS	NS	NR	5,990	NR	5,390	NR
Manganese	1,600	2,000	NR	159	NR	382	NR
Mercury	0.18	0.81	0.17	NR	0.016 J	NR	0.12 JL
Nickel	30	310	NR	8	NR	15.5	NR
Potassium	NS	NS	NR	642	NR	947	NR
Selenium	3.9	180	NR	4.4 U	NR	4.5 U	NR
Silver	2	180	NR	0.87 U	NR	0.91 U	NR
Sodium	NS	NS	NR	487	NR	55.1 J	NR
Thallium	NS	NS	NR	0.35 U	NR	0.36 U	NR
Vanadium	NS	NS	NR	13.8	NR	24.4	NR
Zinc	109	10,000	NR	440	NR	50.8	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-DUP-01_20200521 460-209410-16 5/21/2020 mg/kg 10	RI-SB-07_0-2_20200521 460-209410-9 5/21/2020 mg/kg 1	RI-SB-07_0-2_20200521 460-209410-9 5/21/2020 mg/kg 10	RI-SB-07_0-2_20200521 460-209410-9 5/21/2020 mg/kg 40	RI-SB-07_8-10_20200521 460-209410-10 5/21/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	10,200	NR	8,120	NR	NR
Antimony	NS	NS	0.81 U	NR	0.94	NR	NR
Arsenic	13	16	3.4	NR	4.6	NR	NR
Barium	350	400	771 J	NR	491 J	NR	NR
Beryllium	7.2	72	0.69 J	NR	1.9 J	NR	NR
Cadmium	2.5	4.3	0.4 J	NR	0.82 J	NR	NR
Calcium	NS	NS	32,600	NR	26,500	NR	NR
Chromium, Hexavalent	1	110	NR	2.3 U	NR	NR	2.6 U
Chromium, Total	NS	NS	24.8	NR	36.8	NR	NR
Cobalt	NS	NS	8.7 J	NR	15.6 J	NR	NR
Copper	50	270	41.7 J	NR	261 J	NR	NR
Iron	NS	NS	17,800	NR	21,400	NR	NR
Lead	63	400	84.6 JL	NR	562 J	NR	NR
Magnesium	NS	NS	11,800 J	NR	6,970 J	NR	NR
Manganese	1,600	2,000	270	NR	288	NR	NR
Mercury	0.18	0.81	NR	0.23 J	NR	NR	0.23
Nickel	30	310	19.8 JL	NR	51.2 J	NR	NR
Potassium	NS	NS	2,920	NR	2,090	NR	NR
Selenium	3.9	180	4.1 U	NR	0.35 J	NR	NR
Silver	2	180	0.81 U	NR	0.9 U	NR	NR
Sodium	NS	NS	558	NR	724	NR	NR
Thallium	NS	NS	0.18 J	NR	0.13 J	NR	NR
Vanadium	NS	NS	32.9	NR	29	NR	NR
Zinc	109	10,000	425 JL	NR	NR	1,900 J	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-07_8-10_20200521 460-209410-10 5/21/2020 mg/kg 10	RI-SB-07_11-13_20200521 460-209410-11 5/21/2020 mg/kg 1	RI-SB-07_11-13_20200521 460-209410-11 5/21/2020 mg/kg 10	RI-SB-08_0-2_20200526 460-209651-10 5/26/2020 mg/kg 1	RI-SB-08_0-2_20200526 460-209651-10 5/26/2020 mg/kg 10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	7,590	NR	16,800	NR	7,040
Antimony	NS	NS	1 U	NR	1.2 U	NR	0.88 J
Arsenic	13	16	7	NR	1.7	NR	4.5
Barium	350	400	183	NR	161	NR	166 J
Beryllium	7.2	72	0.56	NR	0.7	NR	0.31 J
Cadmium	2.5	4.3	1.7	NR	1.2 U	NR	0.58 J
Calcium	NS	NS	38,700	NR	4,810	NR	46,200 J
Chromium, Hexavalent	1	110	NR	3 U	NR	2.3 UJ	NR
Chromium, Total	NS	NS	20	NR	48.9	NR	12.4
Cobalt	NS	NS	6.4	NR	8.3	NR	4.6
Copper	50	270	57.1	NR	15.2	NR	29.3
Iron	NS	NS	26,900	NR	14,300	NR	10,600 J
Lead	63	400	425	NR	57.8	NR	337 J
Magnesium	NS	NS	5,120	NR	4,510	NR	5,260
Manganese	1,600	2,000	357	NR	129	NR	173 J
Mercury	0.18	0.81	NR	0.12	NR	0.25	NR
Nickel	30	310	19.3	NR	19	NR	12.9 J
Potassium	NS	NS	1,060	NR	870	NR	846 J
Selenium	3.9	180	0.32 J	NR	1.6 J	NR	5.8 U
Silver	2	180	1 U	NR	1.2 U	NR	1.2 U
Sodium	NS	NS	780	NR	115 J	NR	363
Thallium	NS	NS	0.41 U	NR	0.17 J	NR	0.46 U
Vanadium	NS	NS	22.6	NR	42.7	NR	21.1 J
Zinc	109	10,000	837	NR	82.4	NR	296 J

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-08_11-13_20200526 460-209651-11 5/26/2020 mg/kg 1	RI-SB-08_11-13_20200526 460-209651-11 5/26/2020 mg/kg 10	RI-SB-09_0-2_20200526 460-209651-16 5/26/2020 mg/kg 1	RI-SB-09_0-2_20200526 460-209651-16 5/26/2020 mg/kg 10	RI-SB-09_7-9_20200526 460-209651-17 5/26/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	9,700	NR	7,350	NR
Antimony	NS	NS	NR	1 U	NR	1.1 U	NR
Arsenic	13	16	NR	3.7	NR	6.5	NR
Barium	350	400	NR	205	NR	175	NR
Beryllium	7.2	72	NR	0.48	NR	0.31 J	NR
Cadmium	2.5	4.3	NR	0.38 J	NR	1.1 U	NR
Calcium	NS	NS	NR	66,400	NR	47,600	NR
Chromium, Hexavalent	1	110	2.1 U	NR	2.2 U	NR	2.2 U
Chromium, Total	NS	NS	NR	20.1	NR	10.5	NR
Cobalt	NS	NS	NR	6.3	NR	3.1	NR
Copper	50	270	NR	32.5	NR	14.4	NR
Iron	NS	NS	NR	13,700	NR	9,650	NR
Lead	63	400	NR	533	NR	335	NR
Magnesium	NS	NS	NR	13,400	NR	3,660	NR
Manganese	1,600	2,000	NR	228	NR	178	NR
Mercury	0.18	0.81	0.15	NR	0.048	NR	0.037
Nickel	30	310	NR	15.3	NR	8.6	NR
Potassium	NS	NS	NR	1,600	NR	854	NR
Selenium	3.9	180	NR	5.2 U	NR	5.4 U	NR
Silver	2	180	NR	1 U	NR	1.1 U	NR
Sodium	NS	NS	NR	447	NR	745	NR
Thallium	NS	NS	NR	0.13 J	NR	0.44 U	NR
Vanadium	NS	NS	NR	25.4	NR	20	NR
Zinc	109	10,000	NR	314	NR	200	NR

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AKRF Sample ID			RI-SB-09_7-9_20200526	RI-SB-09_11-13_20200526	RI-SB-09_11-13_20200526	RI-SB-10_0-2_20200526	RI-SB-10_0-2_20200526
Laboratory Sample ID			460-209651-17	460-209651-18	460-209651-18	460-209651-3	460-209651-3
Date Sampled			5/26/2020	5/26/2020	5/26/2020	5/26/2020	5/26/2020
Unit			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Dilution Factor			10	1	10	1	10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,800	NR	10,100	NR	8,640
Antimony	NS	NS	1.1 U	NR	1.2 U	NR	1.1 U
Arsenic	13	16	4.7	NR	1.5	NR	3.1
Barium	350	400	86.2	NR	154	NR	275
Beryllium	7.2	72	0.28 J	NR	0.29 J	NR	0.6
Cadmium	2.5	4.3	0.42 J	NR	0.66 J	NR	1.1 U
Calcium	NS	NS	63,600	NR	4,440	NR	34,000
Chromium, Hexavalent	1	110	NR	2.4 U	NR	2.3 U	NR
Chromium, Total	NS	NS	9.4	NR	24.6	NR	23.9
Cobalt	NS	NS	3.8	NR	9.9	NR	7.8
Copper	50	270	22.8	NR	36.6	NR	50.4
Iron	NS	NS	8,430	NR	18,900	NR	16,300
Lead	63	400	83.5	NR	126	NR	86.4
Magnesium	NS	NS	3,260	NR	7,090	NR	5,270
Manganese	1,600	2,000	165	NR	170	NR	223
Mercury	0.18	0.81	NR	0.11	NR	0.091	NR
Nickel	30	310	10.4	NR	20.9	NR	18.4
Potassium	NS	NS	1,370	NR	4,270	NR	2,780
Selenium	3.9	180	0.46 J	NR	6 U	NR	5.3 U
Silver	2	180	1.1 U	NR	1.2 U	NR	1.1 U
Sodium	NS	NS	732	NR	142	NR	357
Thallium	NS	NS	0.44 U	NR	0.23 J	NR	0.15 J
Vanadium	NS	NS	19.1	NR	29.6	NR	39.6
Zinc	109	10,000	95.4	NR	431	NR	459

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-10_7-9_20200526 460-209651-4 5/26/2020 mg/kg 1	RI-SB-10_7-9_20200526 460-209651-4 5/26/2020 mg/kg 10	RI-SB-10_11-13_20200526 460-209651-5 5/26/2020 mg/kg 1	RI-SB-10_11-13_20200526 460-209651-5 5/26/2020 mg/kg 10	RI-SB-11_0-2_20200526 460-209651-6 5/26/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	9,680	NR	5,740	NR
Antimony	NS	NS	NR	1.1 U	NR	1 U	NR
Arsenic	13	16	NR	4.6	NR	1.3	NR
Barium	350	400	NR	269	NR	65.4	NR
Beryllium	7.2	72	NR	0.36 J	NR	0.3 J	NR
Cadmium	2.5	4.3	NR	0.36 J	NR	1 U	NR
Calcium	NS	NS	NR	43,600	NR	16,700	NR
Chromium, Hexavalent	1	110	2.2 U	NR	2.1 U	NR	0.41 J
Chromium, Total	NS	NS	NR	15.7	NR	26.5	NR
Cobalt	NS	NS	NR	4.2	NR	4.6	NR
Copper	50	270	NR	16.6	NR	10.3	NR
Iron	NS	NS	NR	9,980	NR	11,100	NR
Lead	63	400	NR	104	NR	46.1	NR
Magnesium	NS	NS	NR	5,230	NR	7,900	NR
Manganese	1,600	2,000	NR	201	NR	124	NR
Mercury	0.18	0.81	0.67	NR	0.015 J	NR	0.28
Nickel	30	310	NR	10.1	NR	9.1	NR
Potassium	NS	NS	NR	1,550	NR	1,130	NR
Selenium	3.9	180	NR	5.4 U	NR	5 U	NR
Silver	2	180	NR	1.1 U	NR	1 U	NR
Sodium	NS	NS	NR	814	NR	275	NR
Thallium	NS	NS	NR	0.43 U	NR	0.4 U	NR
Vanadium	NS	NS	NR	22.2	NR	19.7	NR
Zinc	109	10,000	NR	270	NR	53.1	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-11_0-2_20200526 460-209651-6 5/26/2020 mg/kg 10	RI-SB-11_11-13_20200526 460-209651-7 5/26/2020 mg/kg 1	RI-SB-11_11-13_20200526 460-209651-7 5/26/2020 mg/kg 10	RI-SB-12_0-2_20200521 460-209410-12 5/21/2020 mg/kg 1	RI-SB-12_0-2_20200521 460-209410-12 5/21/2020 mg/kg 10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	7,430	NR	10,400	NR	7,680
Antimony	NS	NS	0.46 J	NR	1.3 U	NR	0.87 U
Arsenic	13	16	6.5	NR	1 J	NR	4.1
Barium	350	400	775	NR	210	NR	254
Beryllium	7.2	72	0.37 J	NR	0.52	NR	0.66
Cadmium	2.5	4.3	0.98 J	NR	1.3 U	NR	0.87 U
Calcium	NS	NS	52,100	NR	5,040	NR	35,100
Chromium, Hexavalent	1	110	NR	2.7 U	NR	2.2 U	NR
Chromium, Total	NS	NS	21.8	NR	301	NR	17.7
Cobalt	NS	NS	4.9	NR	5.6	NR	5
Copper	50	270	21.8	NR	17.8	NR	25.7
Iron	NS	NS	16,700	NR	8,240	NR	13,400
Lead	63	400	251	NR	6.3	NR	82
Magnesium	NS	NS	4,740	NR	3,200	NR	8,580
Manganese	1,600	2,000	231	NR	77.1	NR	219
Mercury	0.18	0.81	NR	0.059	NR	0.067	NR
Nickel	30	310	12	NR	18.4	NR	16.6
Potassium	NS	NS	1,220	NR	609	NR	1,100
Selenium	3.9	180	5.4 U	NR	1.7 J	NR	4.4 U
Silver	2	180	1.1 U	NR	1.3 U	NR	0.87 U
Sodium	NS	NS	682	NR	281	NR	632
Thallium	NS	NS	0.43 U	NR	0.51 U	NR	0.35 U
Vanadium	NS	NS	27.8	NR	13.9	NR	24.7
Zinc	109	10,000	595	NR	58.4	NR	211

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-12_11-13_20200521 460-209410-13 5/21/2020 mg/kg 1	RI-SB-12_11-13_20200521 460-209410-13 5/21/2020 mg/kg 10	RI-SB-13_0-2_20200526 460-209651-1 5/26/2020 mg/kg 1	RI-SB-13_0-2_20200526 460-209651-1 5/26/2020 mg/kg 5	RI-SB-13_0-2_20200526 460-209651-1 5/26/2020 mg/kg 10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	11,900	NR	NR	6,800
Antimony	NS	NS	NR	0.82 U	NR	NR	1.1 U
Arsenic	13	16	NR	2.5	NR	NR	4.5
Barium	350	400	NR	76.5	NR	NR	604
Beryllium	7.2	72	NR	0.46	NR	NR	0.42 J
Cadmium	2.5	4.3	NR	0.82 U	NR	NR	0.66 J
Calcium	NS	NS	NR	19,200	NR	NR	50,600
Chromium, Hexavalent	1	110	2.2 U	NR	0.52 J	NR	NR
Chromium, Total	NS	NS	NR	22.3	NR	NR	16.8
Cobalt	NS	NS	NR	8.8	NR	NR	4.6
Copper	50	270	NR	19.1	NR	NR	28.1
Iron	NS	NS	NR	17,600	NR	NR	15,400
Lead	63	400	NR	37	NR	NR	411
Magnesium	NS	NS	NR	7,740	NR	NR	6,050
Manganese	1,600	2,000	NR	520	NR	NR	215
Mercury	0.18	0.81	0.081	NR	NR	2.4	NR
Nickel	30	310	NR	17.6	NR	NR	14.7
Potassium	NS	NS	NR	2,200	NR	NR	1,290
Selenium	3.9	180	NR	4.1 U	NR	NR	0.33 J
Silver	2	180	NR	0.82 U	NR	NR	1.1 U
Sodium	NS	NS	NR	196	NR	NR	455
Thallium	NS	NS	NR	0.19 J	NR	NR	0.43 U
Vanadium	NS	NS	NR	26.6	NR	NR	27.5
Zinc	109	10,000	NR	75.4	NR	NR	586

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-13_11-13_20200526 460-209651-2 5/26/2020 mg/kg 1	RI-SB-13_11-13_20200526 460-209651-2 5/26/2020 mg/kg 10	RI-SB-14_0-2_20200526 460-209651-8 5/26/2020 mg/kg 1	RI-SB-14_0-2_20200526 460-209651-8 5/26/2020 mg/kg 5	RI-SB-14_0-2_20200526 460-209651-8 5/26/2020 mg/kg 10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	8,020	NR	NR	7,450
Antimony	NS	NS	NR	0.47 J	NR	NR	0.7 J
Arsenic	13	16	NR	7.5	NR	NR	5.8
Barium	350	400	NR	179	NR	NR	1,240
Beryllium	7.2	72	NR	0.33 J	NR	NR	0.35 J
Cadmium	2.5	4.3	NR	1.3	NR	NR	1.3
Calcium	NS	NS	NR	52,400	NR	NR	53,100
Chromium, Hexavalent	1	110	2.3 U	NR	2.4 U	NR	NR
Chromium, Total	NS	NS	NR	14.4	NR	NR	27.3
Cobalt	NS	NS	NR	5.6	NR	NR	6.9
Copper	50	270	NR	29.7	NR	NR	75.3
Iron	NS	NS	NR	16,000	NR	NR	17,000
Lead	63	400	NR	162	NR	NR	541
Magnesium	NS	NS	NR	5,510	NR	NR	6,000
Manganese	1,600	2,000	NR	247	NR	NR	284
Mercury	0.18	0.81	0.76	NR	NR	1.9	NR
Nickel	30	310	NR	11.7	NR	NR	16.3
Potassium	NS	NS	NR	626	NR	NR	1,130
Selenium	3.9	180	NR	5.5 U	NR	NR	0.4 J
Silver	2	180	NR	1.1 U	NR	NR	1.1 U
Sodium	NS	NS	NR	620	NR	NR	528
Thallium	NS	NS	NR	0.44 U	NR	NR	0.43 U
Vanadium	NS	NS	NR	21	NR	NR	27.7
Zinc	109	10,000	NR	913	NR	NR	970

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-14_9-11_20200526 460-209651-9 5/26/2020 mg/kg 1	RI-SB-14_9-11_20200526 460-209651-9 5/26/2020 mg/kg 10	RI-DUP-02_20200522 460-209487-18 5/22/2020 mg/kg 1	RI-DUP-02_20200522 460-209487-18 5/22/2020 mg/kg 3	RI-DUP-02_20200522 460-209487-18 5/22/2020 mg/kg 10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	6,980	NR	NR	9,460
Antimony	NS	NS	NR	0.34 J	NR	NR	1.9 J
Arsenic	13	16	NR	6.4	NR	NR	8.9 J
Barium	350	400	NR	881	NR	NR	323
Beryllium	7.2	72	NR	0.23 J	NR	NR	0.46
Cadmium	2.5	4.3	NR	0.78 J	NR	NR	1.4
Calcium	NS	NS	NR	59,700	NR	NR	72,700
Chromium, Hexavalent	1	110	2.5 U	NR	2.3 U	NR	NR
Chromium, Total	NS	NS	NR	16.7	NR	NR	29.8 JL
Cobalt	NS	NS	NR	4.3	NR	NR	5
Copper	50	270	NR	26.2	NR	NR	24.3
Iron	NS	NS	NR	12,600	NR	NR	20,700 J
Lead	63	400	NR	398	NR	NR	322
Magnesium	NS	NS	NR	8,210	NR	NR	9,320
Manganese	1,600	2,000	NR	237	NR	NR	269
Mercury	0.18	0.81	0.17	NR	NR	1.6 J	NR
Nickel	30	310	NR	11.7	NR	NR	31.5 J
Potassium	NS	NS	NR	820	NR	NR	1,840
Selenium	3.9	180	NR	5.7 U	NR	NR	5.5 U
Silver	2	180	NR	1.1 U	NR	NR	1.1 U
Sodium	NS	NS	NR	645	NR	NR	810 J
Thallium	NS	NS	NR	0.45 U	NR	NR	0.44 U
Vanadium	NS	NS	NR	23.5	NR	NR	59 J
Zinc	109	10,000	NR	558	NR	NR	677

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-15_0-2_20200522 460-209487-7 5/22/2020 mg/kg 1	RI-SB-15_0-2_20200522 460-209487-7 5/22/2020 mg/kg 5	RI-SB-15_0-2_20200522 460-209487-7 5/22/2020 mg/kg 10	RI-SB-15_11-13_20200522 460-209487-8 5/22/2020 mg/kg 1	RI-SB-15_11-13_20200522 460-209487-8 5/22/2020 mg/kg 10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	NR	7,960	NR	3,110
Antimony	NS	NS	NR	NR	0.47 J	NR	0.8 U
Arsenic	13	16	NR	NR	5.4 J	NR	1.1
Barium	350	400	NR	NR	453	NR	89.7
Beryllium	7.2	72	NR	NR	0.31 J	NR	0.13 J
Cadmium	2.5	4.3	NR	NR	1.1	NR	0.8 U
Calcium	NS	NS	NR	NR	60,100	NR	22,900
Chromium, Hexavalent	1	110	2.3 U	NR	NR	2.2 U	NR
Chromium, Total	NS	NS	NR	NR	103	NR	5.4
Cobalt	NS	NS	NR	NR	5.1	NR	2.1
Copper	50	270	NR	NR	20.6	NR	43.3
Iron	NS	NS	NR	NR	14,900 J	NR	2,450
Lead	63	400	NR	NR	231	NR	19.5
Magnesium	NS	NS	NR	NR	7,750	NR	1,690
Manganese	1,600	2,000	NR	NR	196	NR	69.9
Mercury	0.18	0.81	NR	2.6 J	NR	0.53	NR
Nickel	30	310	NR	NR	17.7 J	NR	57.3
Potassium	NS	NS	NR	NR	1,960	NR	1,130
Selenium	3.9	180	NR	NR	4.5 U	NR	4 U
Silver	2	180	NR	NR	0.91 U	NR	0.8 U
Sodium	NS	NS	NR	NR	585 J	NR	597
Thallium	NS	NS	NR	NR	0.36 U	NR	0.32 U
Vanadium	NS	NS	NR	NR	27.1 J	NR	695
Zinc	109	10,000	NR	NR	529	NR	138

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-16_0-2_20200522 460-209487-4 5/22/2020 mg/kg 1	RI-SB-16_0-2_20200522 460-209487-4 5/22/2020 mg/kg 5	RI-SB-16_0-2_20200522 460-209487-4 5/22/2020 mg/kg 10	RI-SB-16_7-9_20200522 460-209487-6 5/22/2020 mg/kg 1	RI-SB-16_7-9_20200522 460-209487-6 5/22/2020 mg/kg 10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	NR	10,500	NR	12,300
Antimony	NS	NS	NR	NR	21.7	NR	0.96 U
Arsenic	13	16	NR	NR	3.5	NR	3.9
Barium	350	400	NR	NR	492	NR	341
Beryllium	7.2	72	NR	NR	0.38	NR	0.55
Cadmium	2.5	4.3	NR	NR	0.5 J	NR	0.63 J
Calcium	NS	NS	NR	NR	47,300	NR	45,000
Chromium, Hexavalent	1	110	2.3 U	NR	NR	2.6 U	NR
Chromium, Total	NS	NS	NR	NR	20.4	NR	21.2
Cobalt	NS	NS	NR	NR	5	NR	7.3
Copper	50	270	NR	NR	17.1	NR	39.5
Iron	NS	NS	NR	NR	13,300	NR	17,400
Lead	63	400	NR	NR	303	NR	137
Magnesium	NS	NS	NR	NR	8,630	NR	7,630
Manganese	1,600	2,000	NR	NR	205	NR	297
Mercury	0.18	0.81	NR	1.6	NR	0.18	NR
Nickel	30	310	NR	NR	10.6	NR	12
Potassium	NS	NS	NR	NR	3,010	NR	4,500
Selenium	3.9	180	NR	NR	4.7 U	NR	4.8 U
Silver	2	180	NR	NR	0.94 U	NR	0.96 U
Sodium	NS	NS	NR	NR	976	NR	838
Thallium	NS	NS	NR	NR	0.13 J	NR	0.19 J
Vanadium	NS	NS	NR	NR	27.3	NR	38.8
Zinc	109	10,000	NR	NR	268	NR	276

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-16_11-13_20200522 460-209487-5 5/22/2020 mg/kg 1	RI-SB-16_11-13_20200522 460-209487-5 5/22/2020 mg/kg 10	RI-SB-17_0-2_20200521 460-209410-6 5/21/2020 mg/kg 1	RI-SB-17_0-2_20200521 460-209410-6 5/21/2020 mg/kg 10	RI-SB-17_7-9_20200521 460-209410-7 5/21/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	22,200	NR	7,800	NR
Antimony	NS	NS	NR	1 U	NR	0.94 U	NR
Arsenic	13	16	NR	4.6	NR	3.4	NR
Barium	350	400	NR	140	NR	1,260	NR
Beryllium	7.2	72	NR	1.2	NR	0.28 J	NR
Cadmium	2.5	4.3	NR	0.39 J	NR	0.65 J	NR
Calcium	NS	NS	NR	5,360	NR	50,200	NR
Chromium, Hexavalent	1	110	2.7 U	NR	2.3 U	NR	2.3 U
Chromium, Total	NS	NS	NR	40.6	NR	19.1	NR
Cobalt	NS	NS	NR	14.9	NR	5.9	NR
Copper	50	270	NR	27.9	NR	25.2	NR
Iron	NS	NS	NR	27,100	NR	10,600	NR
Lead	63	400	NR	48.6	NR	195	NR
Magnesium	NS	NS	NR	7,430	NR	3,950	NR
Manganese	1,600	2,000	NR	563	NR	212	NR
Mercury	0.18	0.81	0.065	NR	0.15	NR	NR
Nickel	30	310	NR	27.4	NR	11.1	NR
Potassium	NS	NS	NR	2,070	NR	1,320	NR
Selenium	3.9	180	NR	1 J	NR	0.29 J	NR
Silver	2	180	NR	1 U	NR	0.94 U	NR
Sodium	NS	NS	NR	166	NR	410	NR
Thallium	NS	NS	NR	0.28 J	NR	0.38 U	NR
Vanadium	NS	NS	NR	47.5	NR	29.8	NR
Zinc	109	10,000	NR	166	NR	713	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-17_7-9_20200521 460-209410-7 5/21/2020 mg/kg 3	RI-SB-17_7-9_20200521 460-209410-7 5/21/2020 mg/kg 10	RI-SB-17_11-13_20200521 460-209410-8 5/21/2020 mg/kg 1	RI-SB-17_11-13_20200521 460-209410-8 5/21/2020 mg/kg 10	RI-SB-18_0-2_20200521 460-209410-1 5/21/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	10,700	NR	13,700	NR
Antimony	NS	NS	NR	0.9 U	NR	0.89 U	NR
Arsenic	13	16	NR	3.1	NR	3	NR
Barium	350	400	NR	640	NR	77.8	NR
Beryllium	7.2	72	NR	0.56	NR	0.56	NR
Cadmium	2.5	4.3	NR	0.31 J	NR	0.89 U	NR
Calcium	NS	NS	NR	20,600	NR	8,450	NR
Chromium, Hexavalent	1	110	NR	NR	2.4 U	NR	2.3 U
Chromium, Total	NS	NS	NR	23.7	NR	18.6	NR
Cobalt	NS	NS	NR	10.1	NR	8.8	NR
Copper	50	270	NR	555	NR	17.4	NR
Iron	NS	NS	NR	17,700	NR	18,700	NR
Lead	63	400	NR	618	NR	18.8	NR
Magnesium	NS	NS	NR	6,300	NR	9,800	NR
Manganese	1,600	2,000	NR	793	NR	581	NR
Mercury	0.18	0.81	1.5	NR	0.016 J	NR	0.098
Nickel	30	310	NR	17.1	NR	15.7	NR
Potassium	NS	NS	NR	1,580	NR	1,050	NR
Selenium	3.9	180	NR	4.5 U	NR	4.4 U	NR
Silver	2	180	NR	0.9 U	NR	0.89 U	NR
Sodium	NS	NS	NR	199	NR	110	NR
Thallium	NS	NS	NR	0.19 J	NR	0.13 J	NR
Vanadium	NS	NS	NR	28.6	NR	23.7	NR
Zinc	109	10,000	NR	433	NR	54.3	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-18_0-2_20200521 460-209410-1 5/21/2020 mg/kg 10	RI-SB-18_8-10_20200521 460-209410-2 5/21/2020 mg/kg 1	RI-SB-18_8-10_20200521 460-209410-2 5/21/2020 mg/kg 10	RI-SB-18_11-13_20200521 460-209410-3 5/21/2020 mg/kg 1	RI-SB-18_11-13_20200521 460-209410-3 5/21/2020 mg/kg 10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	6,720	NR	8,430	NR	6,860
Antimony	NS	NS	0.9 U	NR	0.81 U	NR	0.9 U
Arsenic	13	16	5.4	NR	3	NR	5.9
Barium	350	400	95.2	NR	170	NR	49.4
Beryllium	7.2	72	0.4	NR	0.23 J	NR	0.67
Cadmium	2.5	4.3	0.9 U	NR	0.81 U	NR	0.9 U
Calcium	NS	NS	74,300	NR	26,600	NR	98,500
Chromium, Hexavalent	1	110	NR	2.2 U	NR	2.3 U	NR
Chromium, Total	NS	NS	20	NR	20.1	NR	10.7
Cobalt	NS	NS	5.5	NR	6.7	NR	5.2
Copper	50	270	37	NR	22	NR	14.9
Iron	NS	NS	14,900	NR	21,100	NR	12,100
Lead	63	400	65.6	NR	198	NR	6.8
Magnesium	NS	NS	30,500	NR	5,230	NR	51,900
Manganese	1,600	2,000	232	NR	178	NR	281
Mercury	0.18	0.81	NR	0.083	NR	0.023	NR
Nickel	30	310	15.2	NR	14.8	NR	10.1
Potassium	NS	NS	1,110	NR	4,680	NR	1,090
Selenium	3.9	180	4.5 U	NR	4 U	NR	4.5 U
Silver	2	180	0.9 U	NR	0.81 U	NR	0.9 U
Sodium	NS	NS	401	NR	174	NR	123
Thallium	NS	NS	0.36 U	NR	0.2 J	NR	0.18 J
Vanadium	NS	NS	29.7	NR	26.5	NR	17.7
Zinc	109	10,000	161	NR	174	NR	101

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-19_0-2_20200526 460-209651-12 5/26/2020 mg/kg 1	RI-SB-19_0-2_20200526 460-209651-12 5/26/2020 mg/kg 10	RI-DUP-03_20200526 460-209651-19 5/26/2020 mg/kg 1	RI-DUP-03_20200526 460-209651-19 5/26/2020 mg/kg 10	RI-SB-19_11-13_20200526 460-209651-13 5/26/2020 mg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	6,640	NR	17,300	NR
Antimony	NS	NS	NR	1	NR	0.97 J	NR
Arsenic	13	16	NR	6.6	NR	6.5	NR
Barium	350	400	NR	454	NR	234	NR
Beryllium	7.2	72	NR	0.41 J	NR	0.82	NR
Cadmium	2.5	4.3	NR	1.2	NR	1.2 U	NR
Calcium	NS	NS	NR	41,400	NR	34,700 J	NR
Chromium, Hexavalent	1	110	2.2 U	NR	2.6 U	NR	2.6 U
Chromium, Total	NS	NS	NR	20.3	NR	31.8	NR
Cobalt	NS	NS	NR	6.8	NR	12.3	NR
Copper	50	270	NR	71.9	NR	49.8 J	NR
Iron	NS	NS	NR	13,300	NR	30,700	NR
Lead	63	400	NR	565	NR	401 J	NR
Magnesium	NS	NS	NR	3,500	NR	15,100	NR
Manganese	1,600	2,000	NR	190	NR	385	NR
Mercury	0.18	0.81	0.19	NR	0.6	NR	0.7
Nickel	30	310	NR	17.4	NR	93.8 J	NR
Potassium	NS	NS	NR	731	NR	2,790 J	NR
Selenium	3.9	180	NR	0.34 J	NR	0.52 J	NR
Silver	2	180	NR	1 U	NR	1.2 U	NR
Sodium	NS	NS	NR	576	NR	855	NR
Thallium	NS	NS	NR	0.42 U	NR	0.28 J	NR
Vanadium	NS	NS	NR	25.1	NR	40.2	NR
Zinc	109	10,000	NR	870	NR	258	NR

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AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor			RI-SB-19_11-13_20200526 460-209651-13 5/26/2020 mg/kg 10	RI-SB-20_0-2_20200526 460-209651-14 5/26/2020 mg/kg 1	RI-SB-20_0-2_20200526 460-209651-14 5/26/2020 mg/kg 10	RI-SB-20_11-13_20200526 460-209651-15 5/26/2020 mg/kg 1	RI-SB-20_11-13_20200526 460-209651-15 5/26/2020 mg/kg 10
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	24,000	NR	5,180	NR	8,790
Antimony	NS	NS	1.2 U	NR	0.38 J	NR	0.37 J
Arsenic	13	16	4.6	NR	7.2	NR	5.8
Barium	350	400	288	NR	51.4	NR	118
Beryllium	7.2	72	1.2	NR	0.22 J	NR	0.44
Cadmium	2.5	4.3	1.2 U	NR	0.73 J	NR	1.4
Calcium	NS	NS	11,200 JL	NR	47,900	NR	52,400
Chromium, Hexavalent	1	110	NR	2.5 U	NR	1.2 J	NR
Chromium, Total	NS	NS	49	NR	8.6	NR	16.3
Cobalt	NS	NS	18.1	NR	3.1	NR	5.2
Copper	50	270	74.2 J	NR	23.6	NR	37.2
Iron	NS	NS	34,400	NR	12,800	NR	15,100
Lead	63	400	189 J	NR	49	NR	216
Magnesium	NS	NS	13,700	NR	2,190	NR	6,880
Manganese	1,600	2,000	425	NR	190	NR	340
Mercury	0.18	0.81	NR	0.046	NR	0.039	NR
Nickel	30	310	36.6 J	NR	9.3	NR	13.4
Potassium	NS	NS	4,770 J	NR	626	NR	1,280
Selenium	3.9	180	0.53 J	NR	6.1 U	NR	5.5 U
Silver	2	180	1.2 U	NR	1.2 U	NR	1.1 U
Sodium	NS	NS	733	NR	422	NR	624
Thallium	NS	NS	0.42 J	NR	0.49 U	NR	0.44 U
Vanadium	NS	NS	55.9	NR	30.3	NR	26.4
Zinc	109	10,000	200	NR	205	NR	480

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AKRF Sample ID			RI-FB-01_20200522	RI-FB-01_20200522	RI-FB-02_20200526	RI-FB-02_20200526	RI-FB-03_20200526
Laboratory Sample ID			460-209487-20	460-209487-20	460-209651-20	460-209651-20	460-209651-22
Date Sampled			5/22/2020	5/22/2020	5/26/2020	5/26/2020	5/26/2020
Unit			µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor			1	2	1	2	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NS	NR	40 U	NR	40 U	NR
Antimony	NS	NS	NR	2 U	NR	2 U	NR
Arsenic	13	16	NR	2 U	NR	2 U	NR
Barium	350	400	NR	4 U	NR	4 U	NR
Beryllium	7.2	72	NR	0.8 U	NR	0.8 U	NR
Cadmium	2.5	4.3	NR	2 U	NR	2 U	NR
Calcium	NS	NS	NR	200 U	NR	200 U	NR
Chromium, Hexavalent	1	110	10 U	NR	10 R	NR	10 R
Chromium, Total	NS	NS	NR	4 U	NR	4 U	NR
Cobalt	NS	NS	NR	4 U	NR	4 U	NR
Copper	50	270	NR	2.7 J	NR	4 U	NR
Iron	NS	NS	NR	120 U	NR	120 U	NR
Lead	63	400	NR	1.2 U	NR	1.2 U	NR
Magnesium	NS	NS	NR	200 U	NR	200 U	NR
Manganese	1,600	2,000	NR	8 U	NR	8 U	NR
Mercury	0.18	0.81	0.2 U	NR	0.2 U	NR	0.2 U
Nickel	30	310	NR	4 U	NR	4 U	NR
Potassium	NS	NS	NR	200 U	NR	200 U	NR
Selenium	3.9	180	NR	10 U	NR	10 U	NR
Silver	2	180	NR	2 U	NR	2 U	NR
Sodium	NS	NS	NR	143 J	NR	200 U	NR
Thallium	NS	NS	NR	0.8 U	NR	0.8 U	NR
Vanadium	NS	NS	NR	4 U	NR	4 U	NR
Zinc	109	10,000	NR	16 U	NR	16 U	NR

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	AKRF Sample ID		RI-SB-01_0-2_20200522	RI-SB-01_6-8_20200522	RI-SB-01_11-13_20200522	RI-SB-02_0-2_20200522
	Laboratory Sample ID		200-53748-15	200-53748-16	200-53748-17	200-53748-12
	Date Sampled		5/22/2020	5/22/2020	5/22/2020	5/22/2020
	Unit		µg/kg	µg/kg	µg/kg	µg/kg
	Dilution Factor		1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	0.39 J	0.043 J	0.03 J	0.062 J
8:2 Fluorotelomer sulfonate	NS	NS	1.65 J	0.055 J	0.39 J	2.16 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.14 U	2.26 U	2.25 U	2.16 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.14 U	2.26 U	2.25 U	2.16 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.23 U	0.23 U	0.22 U
Perfluorobutanoic acid	NS	NS	0.54 U	0.56 U	0.56 U	0.54 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.23 U	0.23 U	0.22 U
Perfluorodecanoic acid	NS	NS	0.063 J	0.23 U	0.032 J	0.22 U
Perfluorododecanoic acid	NS	NS	0.21 U	0.02 J	0.23 U	0.22 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.23 U	0.23 U	0.22 U
Perfluoroheptanoic acid	NS	NS	0.096 J	0.23 U	0.041 J	0.22 U
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.23 U	0.23 U	0.22 U
Perfluorohexanoic acid	NS	NS	0.09 J	0.23 U	0.23 U	0.22 U
Perfluorononanoic acid	NS	NS	0.12 J	0.14 J	0.056 J	0.22 U
Perfluorooctanesulfonic acid	NS	NS	0.68	0.37	0.43	0.14 J
Perfluorooctanoic acid	NS	NS	0.21 U	0.23 U	0.23 U	0.22 U
Perfluoropentanoic acid	NS	NS	0.18 J	0.13 J	0.02 J	0.22 U
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.23 U	0.23 U	0.22 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.23 U	0.23 U	0.22 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.031 J	0.23 U	0.22 U
Perfluorooctanesulfonamide	NS	NS	0.21 U	0.23 U	0.23 U	0.22 U

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	AKRF Sample ID		RI-SB-02_7-9_20200522	RI-SB-02_11-13_20200522	RI-SB-03_0-2_20200522	RI-SB-03_8-10_20200522
	Laboratory Sample ID		200-53748-13	200-53748-14	200-53748-9	200-53748-10
	Date Sampled		5/22/2020	5/22/2020	5/22/2020	5/22/2020
	Unit		µg/kg	µg/kg	µg/kg	µg/kg
	Dilution Factor		1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.65 U	2.55 U	0.14 J	3.35 U
8:2 Fluorotelomer sulfonate	NS	NS	2.65 U	2.55 U	2.08 U	3.35 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.049 J	2.55 U	0.064 J	0.05 J
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.65 U	2.55 U	2.08 U	3.35 U
Perfluorobutanesulfonic acid	NS	NS	0.26 U	0.25 U	0.21 U	0.34 U
Perfluorobutanoic acid	NS	NS	1.53	0.64 U	0.52 U	1.12
Perfluorodecanesulfonic acid	NS	NS	0.26 U	0.25 U	0.21 U	0.34 U
Perfluorodecanoic acid	NS	NS	0.26 U	0.25 U	0.039 J	0.34 U
Perfluorododecanoic acid	NS	NS	0.26 U	0.25 U	0.023 J	0.34 U
Perfluoroheptanesulfonic acid	NS	NS	0.26 U	0.25 U	0.019 J	0.34 U
Perfluoroheptanoic acid	NS	NS	0.035 J	0.25 U	0.03 J	0.09 J
Perfluorohexanesulfonic acid	NS	NS	0.26 U	0.25 U	0.21 U	0.34 U
Perfluorohexanoic acid	NS	NS	0.26	0.25 U	0.21 U	0.2 J
Perfluorononanoic acid	NS	NS	0.26 U	0.25 U	0.073 J	0.27 J
Perfluorooctanesulfonic acid	NS	NS	0.85	0.25 U	0.49	2.13
Perfluorooctanoic acid	NS	NS	0.29	0.25 U	0.21 U	0.54
Perfluoropentanoic acid	NS	NS	1.72	0.25 U	0.029 J	0.17 J
Perfluorotetradecanoic acid	NS	NS	0.26 U	0.25 U	0.021 J	0.34 U
Perfluorotridecanoic acid	NS	NS	0.26 U	0.25 U	0.017 J	0.34 U
Perfluoroundecanoic acid	NS	NS	0.26 U	0.25 U	0.033 J	0.34 U
Perfluorooctanesulfonamide	NS	NS	0.26 U	0.25 U	0.018 J	0.34 U

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	AKRF Sample ID		RI-SB-03_11-13_20200522	RI-SB-04_0-2_20200521	RI-SB-04_11-13_20200521	RI-SB-05_0-2_20200522
	Laboratory Sample ID		200-53748-11	200-53740-14	200-53740-15	200-53748-1
	Date Sampled		5/22/2020	5/21/2020	5/21/2020	5/22/2020
	Unit		µg/kg	µg/kg	µg/kg	µg/kg
	Dilution Factor		1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.67 U	2.24 U	2.23 U	2.15 U
8:2 Fluorotelomer sulfonate	NS	NS	2.67 U	5.01 J	1.13 J	0.18 J
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.67 U	0.16 J	0.086 J	0.08 J
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.67 U	2.24 U	2.23 U	2.15 U
Perfluorobutanesulfonic acid	NS	NS	0.27 U	0.22 U	0.22 U	0.22 U
Perfluorobutanoic acid	NS	NS	0.28 J	0.56 U	0.38 J	0.54 U
Perfluorodecanesulfonic acid	NS	NS	0.27 U	0.035 J	0.22 U	0.035 J
Perfluorodecanoic acid	NS	NS	0.27 U	0.12 J	0.051 J	0.094 J
Perfluorododecanoic acid	NS	NS	0.27 U	0.22 U	0.22 U	0.047 J
Perfluoroheptanesulfonic acid	NS	NS	0.27 U	0.22 U	0.021 J	0.22 U
Perfluoroheptanoic acid	NS	NS	0.038 J	0.15 J	0.33	0.026 J
Perfluorohexanesulfonic acid	NS	NS	0.27 U	0.22 U	0.22 U	0.22 U
Perfluorohexanoic acid	NS	NS	0.27 U	0.21 J	0.43	0.22 U
Perfluorononanoic acid	NS	NS	0.062 J	0.15 J	0.31	0.086 J
Perfluorooctanesulfonic acid	NS	NS	0.61	3.1	5.03	0.65
Perfluorooctanoic acid	NS	NS	0.27 U	0.24	0.61	0.22 U
Perfluoropentanoic acid	NS	NS	0.043 J	0.3	0.97	0.024 J
Perfluorotetradecanoic acid	NS	NS	0.27 U	0.22 U	0.22 U	0.024 J
Perfluorotridecanoic acid	NS	NS	0.27 U	0.22 U	0.22 U	0.028 J
Perfluoroundecanoic acid	NS	NS	0.27 U	0.07 J	0.22 U	0.06 J
Perfluorooctanesulfonamide	NS	NS	0.27 U	0.34	0.22 U	0.018 J

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	AKRF Sample ID	RI-SB-05_6-8_20200522	RI-SB-05_11-13_20200522	RI-SB-06_0-2_20200521	RI-SB-06_11-13_20200521
	Laboratory Sample ID	200-53748-2	200-53748-3	200-53740-4	200-53740-5
	Date Sampled	5/22/2020	5/22/2020	5/21/2020	5/21/2020
	Unit	µg/kg	µg/kg	µg/kg	µg/kg
	Dilution Factor	1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.23 U	0.036 J	2.28 U
8:2 Fluorotelomer sulfonate	NS	NS	2.23 U	2.59 U	2.58 J
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.051 J	2.59 U	0.7 J
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.23 U	2.59 U	0.088 J
Perfluorobutanesulfonic acid	NS	NS	0.22 U	0.26 U	0.23 U
Perfluorobutanoic acid	NS	NS	0.56 U	0.68	0.24 J
Perfluorodecanesulfonic acid	NS	NS	0.22 U	0.26 U	0.24
Perfluorodecanoic acid	NS	NS	0.04 J	0.049 J	0.72
Perfluorododecanoic acid	NS	NS	0.018 J	0.26 U	0.3
Perfluoroheptanesulfonic acid	NS	NS	0.22 U	0.024 J	0.23 U
Perfluoroheptanoic acid	NS	NS	0.026 J	0.053 J	0.36
Perfluorohexanesulfonic acid	NS	NS	0.22 U	0.26 U	0.23 U
Perfluorohexanoic acid	NS	NS	0.22 U	0.086 J	0.41
Perfluorononanoic acid	NS	NS	0.063 J	0.073 J	0.91
Perfluorooctanesulfonic acid	NS	NS	1.6	5.52	10.5
Perfluorooctanoic acid	NS	NS	0.22 U	0.39	0.9
Perfluoropentanoic acid	NS	NS	0.22 U	0.38	0.87
Perfluorotetradecanoic acid	NS	NS	0.22 U	0.26 U	0.23 U
Perfluorotridecanoic acid	NS	NS	0.018 J	0.26 U	0.23 U
Perfluoroundecanoic acid	NS	NS	0.038 J	0.26 U	0.61
Perfluorooctanesulfonamide	NS	NS	0.028 J	0.26 U	0.76

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	AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		RI-DUP-01_20200521 200-53740-16 5/21/2020 µg/kg 1	RI-SB-07_0-2_20200521 200-53740-9 5/21/2020 µg/kg 1	RI-SB-07_8-10_20200521 200-53740-10 5/21/2020 µg/kg 1	RI-SB-07_11-13_20200521 200-53740-11 5/21/2020 µg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.17 U	2.15 U	2.4 U	2.31 U
8:2 Fluorotelomer sulfonate	NS	NS	2.17 U	2.15 U	0.044 J	2.31 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.17 U	0.06 J	0.088 J	2.31 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.17 U	2.15 U	0.048 J	2.31 U
Perfluorobutanesulfonic acid	NS	NS	0.22 U	0.22 U	0.24 U	0.23 U
Perfluorobutanoic acid	NS	NS	0.54 U	0.54 U	0.25 J	0.58 U
Perfluorodecanesulfonic acid	NS	NS	0.024 J	0.22 U	0.026 J	0.23 U
Perfluorodecanoic acid	NS	NS	0.22 U	0.22 U	0.14 J	0.23 U
Perfluorododecanoic acid	NS	NS	0.22 U	0.22 U	0.24 U	0.23 U
Perfluoroheptanesulfonic acid	NS	NS	0.22 U	0.22 U	0.24 U	0.23 U
Perfluoroheptanoic acid	NS	NS	0.22 U	0.22 U	0.089 J	0.072 J
Perfluorohexanesulfonic acid	NS	NS	0.22 U	0.22 U	0.24 U	0.23 U
Perfluorohexanoic acid	NS	NS	0.22 U	0.22 U	0.27	0.032 J
Perfluorononanoic acid	NS	NS	0.22 U	0.22 U	0.17 J	0.03 J
Perfluorooctanesulfonic acid	NS	NS	0.15 J	0.18 J	2.28	0.55
Perfluorooctanoic acid	NS	NS	0.22 U	0.22 U	1.29	0.4
Perfluoropentanoic acid	NS	NS	0.036 J	0.021 J	0.26	0.037 J
Perfluorotetradecanoic acid	NS	NS	0.22 U	0.22 U	0.24 U	0.23 U
Perfluorotridecanoic acid	NS	NS	0.22 U	0.22 U	0.24 U	0.23 U
Perfluoroundecanoic acid	NS	NS	0.026 J	0.027 J	0.11 J	0.23 U
Perfluorooctanesulfonamide	NS	NS	0.22 U	0.22 U	0.24 U	0.23 U

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	AKRF Sample ID		RI-SB-08_0-2_20200526	RI-SB-08_11-13_20200526	RI-SB-09_0-2_20200526	RI-SB-09_7-9_20200526
	Laboratory Sample ID		200-53770-10	200-53770-11	200-53770-16	200-53770-17
	Date Sampled		5/26/2020	5/26/2020	5/26/2020	5/26/2020
	Unit		µg/kg	µg/kg	µg/kg	µg/kg
	Dilution Factor		1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.44 U	2.39 U	2.1 U	2.81 U
8:2 Fluorotelomer sulfonate	NS	NS	0.13 J	2.39 U	0.04 J	2.81 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.44 U	2.39 U	2.1 U	2.81 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.13 J	2.39 U	2.1 U	2.81 U
Perfluorobutanesulfonic acid	NS	NS	0.24 U	0.24 U	0.21 U	0.28 U
Perfluorobutanoic acid	NS	NS	0.24 J	0.6 U	0.35 J	0.4 J
Perfluorodecanesulfonic acid	NS	NS	0.087 J	0.24 U	0.21 U	0.28 U
Perfluorodecanoic acid	NS	NS	0.26	0.051 J	0.07 J	0.28 U
Perfluorododecanoic acid	NS	NS	0.24 U	0.24 U	0.21 U	0.28 U
Perfluoroheptanesulfonic acid	NS	NS	0.027 J	0.018 J	0.21 U	0.28 U
Perfluoroheptanoic acid	NS	NS	0.24 U	0.24 U	0.21 U	0.28 U
Perfluorohexanesulfonic acid	NS	NS	0.24 U	0.24 U	0.21 U	0.28 U
Perfluorohexanoic acid	NS	NS	0.13 J	0.084 J	0.21 U	0.049 J
Perfluorononanoic acid	NS	NS	0.23 J	0.093 J	0.078 J	0.044 J
Perfluorooctanesulfonic acid	NS	NS	3.7 J	1.41	0.92	0.5
Perfluorooctanoic acid	NS	NS	0.33	0.32	0.21 U	0.28 U
Perfluoropentanoic acid	NS	NS	0.24 U	0.24 U	0.21 U	0.28 U
Perfluorotetradecanoic acid	NS	NS	0.24 U	0.24 U	0.21 U	0.28 U
Perfluorotridecanoic acid	NS	NS	0.24 U	0.24 U	0.21 U	0.28 U
Perfluoroundecanoic acid	NS	NS	0.24 U	0.24 U	0.21 U	0.28 U
Perfluorooctanesulfonamide	NS	NS	0.24 U	0.24 U	0.21 U	0.28 U

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	AKRF Sample ID		RI-SB-09_11-13_20200526	RI-SB-10_0-2_20200526	RI-SB-10_7-9_20200526	RI-SB-10_11-13_20200526
	Laboratory Sample ID		200-53770-18	200-53770-3	200-53770-4	200-53770-5
	Date Sampled		5/26/2020	5/26/2020	5/26/2020	5/26/2020
	Unit		µg/kg	µg/kg	µg/kg	µg/kg
	Dilution Factor		1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.15 U	2.14 U	2.21 U	2.17 U
8:2 Fluorotelomer sulfonate	NS	NS	2.15 U	0.61 J	2.21 U	2.17 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.15 U	2.14 U	2.21 U	2.17 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.15 U	2.14 U	2.21 U	2.17 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.21 U	0.22 U	0.22 U
Perfluorobutanoic acid	NS	NS	0.54 U	0.53 U	0.55 U	0.54 U
Perfluorodecanesulfonic acid	NS	NS	0.21 U	0.033 J	0.021 J	0.048 J
Perfluorodecanoic acid	NS	NS	0.21 U	0.074 J	0.22 U	0.027 J
Perfluorododecanoic acid	NS	NS	0.21 U	0.21 U	0.22 U	0.22 U
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.21 U	0.22 U	0.22 U
Perfluoroheptanoic acid	NS	NS	0.21 U	0.21 U	0.22 U	0.22 U
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.21 U	0.22 U	0.22 U
Perfluorohexanoic acid	NS	NS	0.21 U	0.061 J	0.063 J	0.22 U
Perfluorononanoic acid	NS	NS	0.21 U	0.057 J	0.089 J	0.031 J
Perfluorooctanesulfonic acid	NS	NS	0.46	0.46	0.98	0.34
Perfluorooctanoic acid	NS	NS	0.21 U	0.21 U	0.25	0.22 U
Perfluoropentanoic acid	NS	NS	0.21 U	0.21 U	0.22 U	0.22 U
Perfluorotetradecanoic acid	NS	NS	0.21 U	0.21 U	0.22 U	0.22 U
Perfluorotridecanoic acid	NS	NS	0.21 U	0.21 U	0.22 U	0.22 U
Perfluoroundecanoic acid	NS	NS	0.21 U	0.21 U	0.22 U	0.22 U
Perfluorooctanesulfonamide	NS	NS	0.21 U	0.21 U	0.22 U	0.22 U

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	AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		RI-SB-11_0-2_20200526 200-53770-6 5/26/2020 µg/kg 1	RI-SB-11_11-13_20200526 200-53770-7 5/26/2020 µg/kg 1	RI-SB-12_0-2_20200521 200-53740-12 5/21/2020 µg/kg 1	RI-SB-12_11-13_20200521 200-53740-13 5/21/2020 µg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.23 U	2.57 U	2.13 U	2.17 U
8:2 Fluorotelomer sulfonate	NS	NS	9.47 J	0.35 J	2.13 U	2.17 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.23 U	2.57 U	0.075 J	2.17 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.23 U	2.57 U	2.13 U	2.17 U
Perfluorobutanesulfonic acid	NS	NS	0.22 U	0.26 U	0.21 U	0.22 U
Perfluorobutanoic acid	NS	NS	0.21 J	1.42	0.53 U	0.54 U
Perfluorodecanesulfonic acid	NS	NS	0.041 J	0.26 U	0.081 J	0.22 U
Perfluorodecanoic acid	NS	NS	0.17 J	1.02	0.21 U	0.22 U
Perfluorododecanoic acid	NS	NS	0.22 U	0.26 U	0.21 U	0.22 U
Perfluoroheptanesulfonic acid	NS	NS	0.22 U	0.043 J	0.21 U	0.22 U
Perfluoroheptanoic acid	NS	NS	0.22 U	0.37	0.21 U	0.027 J
Perfluorohexanesulfonic acid	NS	NS	0.22 U	0.26 U	0.21 U	0.22 U
Perfluorohexanoic acid	NS	NS	0.099 J	0.16 J	0.21 U	0.22 U
Perfluorononanoic acid	NS	NS	0.36	0.32	0.022 J	0.22 U
Perfluorooctanesulfonic acid	NS	NS	1.16	15.9	0.24	0.44
Perfluorooctanoic acid	NS	NS	0.22 U	0.99	0.21 U	0.37
Perfluoropentanoic acid	NS	NS	0.22 U	0.48	0.019 J	0.022 J
Perfluorotetradecanoic acid	NS	NS	0.22 U	0.26 U	0.21 U	0.22 U
Perfluorotridecanoic acid	NS	NS	0.22 U	0.26 U	0.21 U	0.22 U
Perfluoroundecanoic acid	NS	NS	0.22 U	0.26 U	0.21 U	0.22 U
Perfluorooctanesulfonamide	NS	NS	0.22 U	0.26 U	0.21 U	0.22 U

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	AKRF Sample ID		RI-SB-13_0-2_20200526	RI-SB-13_11-13_20200526	RI-SB-14_0-2_20200526	RI-SB-14_9-11_20200526
	Laboratory Sample ID		200-53770-1	200-53770-2	200-53770-8	200-53770-9
	Date Sampled		5/26/2020	5/26/2020	5/26/2020	5/26/2020
	Unit		µg/kg	µg/kg	µg/kg	µg/kg
	Dilution Factor		1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.27 U	2.43 U	2.29 U	2.09 U
8:2 Fluorotelomer sulfonate	NS	NS	0.32 J	0.055 J	0.97 J	0.13 J
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.27 U	2.43 U	2.29 U	2.09 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.27 U	2.43 U	0.058 J	2.09 U
Perfluorobutanesulfonic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.21 U
Perfluorobutanoic acid	NS	NS	0.57 U	1.16	0.43 J	0.28 J
Perfluorodecanesulfonic acid	NS	NS	0.18 J	0.24 U	0.5	0.058 J
Perfluorodecanoic acid	NS	NS	0.18 J	0.034 J	0.36	0.029 J
Perfluorododecanoic acid	NS	NS	0.23 U	0.24 U	0.26	0.21 U
Perfluoroheptanesulfonic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.21 U
Perfluoroheptanoic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.21 U
Perfluorohexanesulfonic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.21 U
Perfluorohexanoic acid	NS	NS	0.22 J	0.17 J	0.18 J	0.06 J
Perfluorononanoic acid	NS	NS	0.089 J	0.13 J	0.25	0.035 J
Perfluorooctanesulfonic acid	NS	NS	1.06	2.63	2.08	0.5
Perfluorooctanoic acid	NS	NS	0.23 U	0.37	0.37	0.21 U
Perfluoropentanoic acid	NS	NS	0.35	0.3	0.3	0.21 U
Perfluorotetradecanoic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.21 U
Perfluorotridecanoic acid	NS	NS	0.23 U	0.24 U	0.23 U	0.21 U
Perfluoroundecanoic acid	NS	NS	0.23 U	0.24 U	0.41	0.21 U
Perfluorooctanesulfonamide	NS	NS	0.23 U	0.24 U	0.23 U	0.21 U

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	AKRF Sample ID		RI-DUP-02_20200522	RI-SB-15_0-2_20200522	RI-SB-15_11-13_20200522	RI-SB-16_0-2_20200522
	Laboratory Sample ID		200-53748-18	200-53748-7	200-53748-8	200-53748-4
	Date Sampled		5/22/2020	5/22/2020	5/22/2020	5/22/2020
	Unit		µg/kg	µg/kg	µg/kg	µg/kg
	Dilution Factor		1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	0.03 J	2.14 U	2.3 U	0.033 J
8:2 Fluorotelomer sulfonate	NS	NS	0.071 J	0.14 J	2.3 U	0.89 J
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.063 J	0.19 J	2.3 U	0.089 J
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.15 U	2.14 U	2.3 U	2.19 U
Perfluorobutanesulfonic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.22 U
Perfluorobutanoic acid	NS	NS	0.33 J	0.29 J	0.64	0.55 U
Perfluorodecanesulfonic acid	NS	NS	0.025 J	0.066 J	0.04 J	0.057 J
Perfluorodecanoic acid	NS	NS	0.15 J	0.2 J	0.23 U	0.12 J
Perfluorododecanoic acid	NS	NS	0.05 J	0.077 J	0.018 J	0.058 J
Perfluoroheptanesulfonic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.22 U
Perfluoroheptanoic acid	NS	NS	0.049 J	0.089 J	0.038 J	0.04 J
Perfluorohexanesulfonic acid	NS	NS	0.21 U	0.21 U	0.23 U	0.22 U
Perfluorohexanoic acid	NS	NS	0.075 J	0.14 J	0.23 U	0.22 U
Perfluorononanoic acid	NS	NS	0.18 J	0.2 J	0.088 J	0.18 J
Perfluorooctanesulfonic acid	NS	NS	1.82	2.32	0.89	1.23
Perfluorooctanoic acid	NS	NS	0.21 U	0.23	0.23 U	0.22 U
Perfluoropentanoic acid	NS	NS	0.18 J	0.23	0.06 J	0.075 J
Perfluorotetradecanoic acid	NS	NS	0.027 J	0.058 J	0.23 U	0.049 J
Perfluorotridecanoic acid	NS	NS	0.022 J	0.039 J	0.23 U	0.035 J
Perfluoroundecanoic acid	NS	NS	0.058 J	0.12 J	0.031 J	0.1 J
Perfluorooctanesulfonamide	NS	NS	0.013 J	0.012 J	0.23 U	0.026 J

Table 10
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

	AKRF Sample ID		RI-SB-16_7-9_20200522	RI-SB-16_11-13_20200522	RI-SB-17_0-2_20200521	RI-SB-17_7-9_20200521
	Laboratory Sample ID		200-53748-5	200-53748-6	200-53740-6	200-53740-7
	Date Sampled		5/22/2020	5/22/2020	5/21/2020	5/21/2020
	Unit		µg/kg	µg/kg	µg/kg	µg/kg
	Dilution Factor		1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.16 U	2.12 U	2.17 U	2.48 U
8:2 Fluorotelomer sulfonate	NS	NS	0.046 J	2.12 U	2.17 U	2.48 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.16 U	2.12 U	0.082 J	0.12 J
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.16 U	2.12 U	2.17 U	2.48 U
Perfluorobutanesulfonic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.25 U
Perfluorobutanoic acid	NS	NS	2.94	0.53 U	0.54 U	0.37 J
Perfluorodecanesulfonic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.25 U
Perfluorodecanoic acid	NS	NS	0.034 J	0.21 U	0.041 J	0.25 U
Perfluorododecanoic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.25 U
Perfluoroheptanesulfonic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.12 J
Perfluoroheptanoic acid	NS	NS	0.063 J	0.091 J	0.037 J	0.32
Perfluorohexanesulfonic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.25 U
Perfluorohexanoic acid	NS	NS	0.13 J	0.08 J	0.03 J	0.63
Perfluorononanoic acid	NS	NS	0.19 J	0.21 U	0.028 J	0.22 J
Perfluorooctanesulfonic acid	NS	NS	1.07	0.62	0.71	3.5
Perfluorooctanoic acid	NS	NS	0.22 U	0.46	0.22 U	1.5
Perfluoropentanoic acid	NS	NS	0.29	0.11 J	0.038 J	1
Perfluorotetradecanoic acid	NS	NS	0.22 U	0.21 U	0.22 U	0.25 U
Perfluorotridecanoic acid	NS	NS	0.22 U	0.21 U	0.22 J	0.25 U
Perfluoroundecanoic acid	NS	NS	0.22 U	0.21 U	0.032 J	0.25 U
Perfluorooctanesulfonamide	NS	NS	0.22 U	0.21 U	0.22 U	0.25 U

Table 10
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

	AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		RI-SB-17_11-13_20200521 200-53740-8 5/21/2020 µg/kg 1	RI-SB-18_0-2_20200521 200-53740-1 5/21/2020 µg/kg 1	RI-SB-18_8-10_20200521 200-53740-2 5/21/2020 µg/kg 1	RI-SB-18_11-13_20200521 200-53740-3 5/21/2020 µg/kg 1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.32 U	2.26 U	2.17 U	2.22 U
8:2 Fluorotelomer sulfonate	NS	NS	2.32 U	2.98 J	0.043 J	2.22 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.32 U	0.52 J	0.067 J	2.22 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.32 U	0.069 J	2.17 U	2.22 U
Perfluorobutanesulfonic acid	NS	NS	0.23 U	0.23 U	0.22 U	0.22 U
Perfluorobutanoic acid	NS	NS	0.58 U	0.57 U	0.35 J	0.21 J
Perfluorodecanesulfonic acid	NS	NS	0.23 U	0.12 J	0.22 U	0.22 U
Perfluorodecanoic acid	NS	NS	0.23 U	0.33	0.023 J	0.22 U
Perfluorododecanoic acid	NS	NS	0.23 U	0.23 U	0.22 U	0.22 U
Perfluoroheptanesulfonic acid	NS	NS	0.23 U	0.23 U	0.043 J	0.042 J
Perfluoroheptanoic acid	NS	NS	0.23 U	0.26	0.12 J	0.084 J
Perfluorohexanesulfonic acid	NS	NS	0.23 U	0.23 U	0.22 U	0.22 U
Perfluorohexanoic acid	NS	NS	0.068 J	0.36	0.16 J	0.057 J
Perfluorononanoic acid	NS	NS	0.23 U	0.27	0.22 U	0.088 J
Perfluorooctanesulfonic acid	NS	NS	0.23 U	5.54	3.61	1.95
Perfluorooctanoic acid	NS	NS	0.23 U	0.42	0.61	0.56
Perfluoropentanoic acid	NS	NS	0.04 J	0.5	0.24	0.11 J
Perfluorotetradecanoic acid	NS	NS	0.23 U	0.23 U	0.22 U	0.22 U
Perfluorotridecanoic acid	NS	NS	0.23 U	0.23 U	0.22 U	0.22 U
Perfluoroundecanoic acid	NS	NS	0.23 U	0.24	0.22 U	0.22 U
Perfluorooctanesulfonamide	NS	NS	0.23 U	0.23	0.22 U	0.22 U

Table 10
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

	AKRF Sample ID		RI-SB-19_0-2_20200526	RI-DUP-03_20200526	RI-SB-19_11-13_20200526	RI-SB-20_0-2_20200526
	Laboratory Sample ID		200-53770-12	200-53770-19	200-53770-13	200-53770-14
	Date Sampled		5/26/2020	5/26/2020	5/26/2020	5/26/2020
	Unit		µg/kg	µg/kg	µg/kg	µg/kg
	Dilution Factor		1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.64 U	2.19 U	2.31 U	2.31 U
8:2 Fluorotelomer sulfonate	NS	NS	0.18 J	2.19 U	2.31 U	0.14 J
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.64 U	2.19 U	2.31 U	2.31 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.14 J	2.19 U	2.31 U	2.31 U
Perfluorobutanesulfonic acid	NS	NS	0.26 U	0.22 U	0.23 U	0.23 U
Perfluorobutanoic acid	NS	NS	1.68	0.55 U	0.43 J	0.58 U
Perfluorodecanesulfonic acid	NS	NS	0.092 J	0.22 U	0.23 U	0.024 J
Perfluorodecanoic acid	NS	NS	0.36	0.03 J	0.034 J	0.12 J
Perfluorododecanoic acid	NS	NS	0.26 U	0.22 U	0.23 U	0.23 U
Perfluoroheptanesulfonic acid	NS	NS	0.04 J	0.22 U	0.23 U	0.23 U
Perfluoroheptanoic acid	NS	NS	0.33	0.22 U	0.23 U	0.23 U
Perfluorohexanesulfonic acid	NS	NS	0.26 U	0.22 U	0.23 U	0.23 U
Perfluorohexanoic acid	NS	NS	0.48	0.076 J	0.14 J	0.23 U
Perfluorononanoic acid	NS	NS	0.58	0.069 J	0.039 J	0.09 J
Perfluorooctanesulfonic acid	NS	NS	8.14	1.3	1.06	0.62
Perfluorooctanoic acid	NS	NS	0.78	0.36	0.5	0.23 U
Perfluoropentanoic acid	NS	NS	1.06	0.22 U	0.24	0.23 U
Perfluorotetradecanoic acid	NS	NS	0.26 U	0.22 U	0.23 U	0.23 U
Perfluorotridecanoic acid	NS	NS	0.26 U	0.22 U	0.23 U	0.23 U
Perfluoroundecanoic acid	NS	NS	0.26 U	0.22 U	0.23 U	0.23 U
Perfluorooctanesulfonamide	NS	NS	0.26 U	0.22 U	0.23 U	0.23 U

Table 10
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

	AKRF Sample ID		RI-SB-20_11-13_20200526	RI-FB-01_20200522	RI-FB-02_20200526	RI-FB-03_20200526
	Laboratory Sample ID		200-53770-15	200-53748-20	200-53770-20	200-53770-22
	Date Sampled		5/26/2020	5/22/2020	5/26/2020	5/26/2020
	Unit		µg/kg	ng/l	ng/l	ng/l
	Dilution Factor		1	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSO	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	NS	2.2 U	16.4 U	16.3 U	16.5 U
8:2 Fluorotelomer sulfonate	NS	NS	2.2 U	16.4 U	16.3 U	16.5 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.2 U	16.4 U	16.3 U	16.5 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	2.2 U	16.4 U	16.3 U	16.5 U
Perfluorobutanesulfonic acid	NS	NS	0.22 U	1.64 U	1.63 U	1.65 U
Perfluorobutanoic acid	NS	NS	0.38 J	1.64 U	1.63 U	1.65 U
Perfluorodecanesulfonic acid	NS	NS	0.22 U	1.64 U	1.63 U	1.65 U
Perfluorodecanoic acid	NS	NS	0.22 U	1.64 U	1.63 U	1.65 U
Perfluorododecanoic acid	NS	NS	0.22 U	1.64 U	1.63 U	1.65 U
Perfluoroheptanesulfonic acid	NS	NS	0.22 U	1.64 U	1.63 U	1.65 U
Perfluoroheptanoic acid	NS	NS	0.22 U	1.64 U	1.63 U	1.65 U
Perfluorohexanesulfonic acid	NS	NS	0.22 U	1.64 U	1.63 U	1.65 U
Perfluorohexanoic acid	NS	NS	0.063 J	1.64 U	1.63 U	1.65 U
Perfluorononanoic acid	NS	NS	0.077 J	1.64 U	1.63 U	1.65 U
Perfluorooctanesulfonic acid	NS	NS	0.92	1.64 U	1.63 U	1.65 U
Perfluorooctanoic acid	NS	NS	0.46	1.64 U	1.63 U	1.65 U
Perfluoropentanoic acid	NS	NS	0.22 U	1.64 U	1.63 U	1.65 U
Perfluorotetradecanoic acid	NS	NS	0.22 U	1.64 U	1.63 U	1.65 U
Perfluorotridecanoic acid	NS	NS	0.22 U	1.64 U	1.63 U	1.65 U
Perfluoroundecanoic acid	NS	NS	0.22 U	1.64 U	1.63 U	1.65 U
Perfluorooctanesulfonamide	NS	NS	0.22 U	8.2 U	8.14 U	8.24 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

	AKRF Sample ID	RI-SB-01_0-2_20200522	RI-SB-01_6-8_20200522	RI-SB-01_11-13_20200522	RI-SB-02_0-2_20200522
	Laboratory Sample ID	460-209487-15	460-209487-16	460-209487-17	460-209487-12
	Date Sampled	5/22/2020	5/22/2020	5/22/2020	5/22/2020
	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
1,4-Dioxane (P-Dioxane)	0.1	13	0.12 U	0.11 U	0.11 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

	AKRF Sample ID	RI-SB-02_7-9_20200522	RI-SB-02_11-13_20200522	RI-SB-03_0-2_20200522	RI-SB-03_8-10_20200522
	Laboratory Sample ID	460-209487-13	460-209487-14	460-209487-9	460-209487-10
	Date Sampled	5/22/2020	5/22/2020	5/22/2020	5/22/2020
	Unit	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor	50	1	1	5
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	13	6 U	0.11 U	0.11 U
					0.59 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

		AKRF Sample ID	RI-SB-03_11-13_20200522	RI-SB-04_0-2_20200521	RI-SB-04_11-13_20200521	RI-SB-05_0-2_20200522
		Laboratory Sample ID	460-209487-11	460-209410-14	460-209410-15	460-209487-1
		Date Sampled	5/22/2020	5/21/2020	5/21/2020	5/22/2020
		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
1,4-Dioxane (P-Dioxane)	0.1	13	0.14 U	0.11 U	0.11 U	0.12 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

	AKRF Sample ID	RI-SB-05_6-8_20200522	RI-SB-05_11-13_20200522	RI-SB-06_0-2_20200521	RI-SB-06_11-13_20200521
	Laboratory Sample ID	460-209487-2	460-209487-3	460-209410-4	460-209410-5
	Date Sampled	5/22/2020	5/22/2020	5/21/2020	5/21/2020
	Unit	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor	2	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	13	0.24 U	0.13 U	0.11 U
					0.12 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

		AKRF Sample ID	RI-DUP-01_20200521	RI-SB-07_0-2_20200521	RI-SB-07_8-10_20200521	RI-SB-07_11-13_20200521
		Laboratory Sample ID	460-209410-16	460-209410-9	460-209410-10	460-209410-11
		Date Sampled	5/21/2020	5/21/2020	5/21/2020	5/21/2020
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	1	5	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	13	0.11 U	0.11 U	0.64 U	0.15 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

	AKRF Sample ID	RI-SB-08_0-2_20200526	RI-SB-08_11-13_20200526	RI-SB-09_0-2_20200526	RI-SB-09_7-9_20200526
	Laboratory Sample ID	460-209651-10	460-209651-11	460-209651-16	460-209651-17
	Date Sampled	5/26/2020	5/26/2020	5/26/2020	5/26/2020
	Unit	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor	1	1	2	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	13	0.12 U	0.11 U	0.23 U
					0.12 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

		AKRF Sample ID	RI-SB-09_11-13_20200526	RI-SB-10_0-2_20200526	RI-SB-10_7-9_20200526	RI-SB-10_11-13_20200526
		Laboratory Sample ID	460-209651-18	460-209651-3	460-209651-4	460-209651-5
		Date Sampled	5/26/2020	5/26/2020	5/26/2020	5/26/2020
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	1	2	5	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	13	0.12 U	0.23 U	0.55 U	0.11 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

		AKRF Sample ID	RI-SB-11_0-2_20200526	RI-SB-11_11-13_20200526	RI-SB-12_0-2_20200521	RI-SB-12_11-13_20200521
		Laboratory Sample ID	460-209651-6	460-209651-7	460-209410-12	460-209410-13
		Date Sampled	5/26/2020	5/26/2020	5/21/2020	5/21/2020
		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
1,4-Dioxane (P-Dioxane)	0.1	13	0.12 U	0.13 U	0.11 U	0.11 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

	AKRF Sample ID	RI-SB-13_0-2_20200526	RI-SB-13_11-13_20200526	RI-SB-14_0-2_20200526	RI-SB-14_9-11_20200526
	Laboratory Sample ID	460-209651-1	460-209651-2	460-209651-8	460-209651-9
	Date Sampled	5/26/2020	5/26/2020	5/26/2020	5/26/2020
	Unit	mg/kg	mg/kg	mg/kg	mg/kg
	Dilution Factor	5	1	5	5
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	13	0.57 U	0.12 U	0.57 U
					0.61 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

		AKRF Sample ID	RI-DUP-02_20200522	RI-SB-15_0-2_20200522	RI-SB-15_11-13_20200522	RI-SB-16_0-2_20200522
		Laboratory Sample ID	460-209487-18	460-209487-7	460-209487-8	460-209487-4
		Date Sampled	5/22/2020	5/22/2020	5/22/2020	5/22/2020
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	2	5	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	13	0.23 U	0.56 U	0.11 U	0.11 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

		AKRF Sample ID	RI-SB-16_7-9_20200522	RI-SB-16_11-13_20200522	RI-SB-17_0-2_20200521	RI-SB-17_7-9_20200521
		Laboratory Sample ID	460-209487-6	460-209487-5	460-209410-6	460-209410-7
		Date Sampled	5/22/2020	5/22/2020	5/21/2020	5/21/2020
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	5	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	13	0.64 U	0.14 U	0.12 U	0.11 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

	AKRF Sample ID	RI-SB-17_11-13_20200521	RI-SB-18_0-2_20200521	RI-SB-18_8-10_20200521	RI-SB-18_11-13_20200521
	Laboratory Sample ID	460-209410-8	460-209410-1	460-209410-2	460-209410-3
	Date Sampled	5/21/2020	5/21/2020	5/21/2020	5/21/2020
	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
1,4-Dioxane (P-Dioxane)	0.1	13	0.12 U	0.11 U	0.11 U
					1.2 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

		AKRF Sample ID	RI-SB-19_0-2_20200526	RI-DUP-03_20200526	RI-SB-19_11-13_20200526	RI-SB-20_0-2_20200526
		Laboratory Sample ID	460-209651-12	460-209651-19	460-209651-13	460-209651-14
		Date Sampled	5/26/2020	5/26/2020	5/26/2020	5/26/2020
		Unit	mg/kg	mg/kg	mg/kg	mg/kg
		Dilution Factor	10	1	1	5
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	13	1.1 U	0.13 U	0.13 U	0.64 U

Table 11
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Analytical Results of 1,4-Dioxane

		AKRF Sample ID	RI-SB-20_11-13_20200526	RI-FB-01_20200522	RI-FB-02_20200526	RI-FB-03_20200526
		Laboratory Sample ID	460-209651-15	460-209487-20	460-209651-20	460-209651-22
		Date Sampled	5/26/2020	5/22/2020	5/26/2020	5/26/2020
		Unit	mg/kg	µg/L	µg/L	µg/L
		Dilution Factor	2	1	1	1
Compound	NYSDEC UUSCO	NYSDEC RRSCO	CONC Q	CONC Q	CONC Q	CONC Q
1,4-Dioxane (P-Dioxane)	0.1	13	0.23 U	0.2 U	0.2 U	0.2 U

Table 12
La Central Phase II
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

Compound	AKRF Sample ID	RI-MW-01_20200527	RI-MW-02_20200527	RI-MW-03_20200526	RI-DUP-01_20200522	RI-MW-04_20200522
	Laboratory Sample ID	460-209726-1	460-209726-2	460-209627-1	460-209488-5	460-209488-1
	Date Sampled	5/27/2020	5/27/2020	5/26/2020	5/22/2020	5/22/2020
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 UJ	1 UJ
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U
Acetone	50	7 U	7.7 U	5.7 U	5.9 U	5.4 U
Benzene	1	1 U	1 U	1 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U
Chloroform	7	1 U	0.76 J	1 U	1.3	1.3
Chloromethane	5	0.53 J	1 U	0.52 J	1 U	1 U
Cis-1,2-Dichloroethylene	5	1 U	1.2	2.1	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	5	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	5	7.5	23	35	2.7	3
Toluene	5	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 UJ	1 UJ
Trichloroethylene (TCE)	5	1 U	1.5	2.8	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	1 U	1 U	1 U

Table 12
La Central Phase II
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-MW-05_20200522	RI-MW-06_20200522	RI-MW-07_20200522	RI-MW-08_20200527	RI-MW-09_20200527
	460-209488-2 5/22/2020 µg/L 1	460-209488-3 5/22/2020 µg/L 1	460-209488-4 5/22/2020 µg/L 1	460-209726-3 5/27/2020 µg/L 1	460-209726-4 5/27/2020 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	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 UJ	1 UJ	1 UJ	1 UJ
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U
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-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	6.4 U	27 JK
Benzene	1	1 U	1 U	1 U	0.65 J
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 U	1 U
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	1 U
Cis-1,2-Dichloroethylene	5	1	1 U	1.7	11
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 U	1 U
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	4.9 J
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
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U	1 U	1 U
Styrene	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	21	1.3	11	1 U
Toluene	5	1 U	1 U	1 U	0.41 J
Trans-1,2-Dichloroethene	5	1 U	1 U	0.25 J	1 U
Trans-1,3-Dichloropropene	NS	1 UJ	1 UJ	1 UJ	1 UJ
Trichloroethylene (TCE)	5	1.3	1 U	1.4	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U
Vinyl Chloride	2	1 U	1 U	0.4 J	1 U

Table 12
La Central Phase II
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

AKRF Sample ID	RI-GW-FB-01_20200526	RI-TB-01_20200522	
Laboratory Sample ID	460-209627-2	460-209488-6	
Date Sampled	5/26/2020	5/22/2020	
Unit	µg/L	µg/L	
Dilution Factor	1	1	
Compound	AWQSGV	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U
2-Hexanone	50	5 U	5 U
Acetone	50	6.2	6.7
Benzene	1	1 U	1 U
Bromochloromethane	5	1 U	1 U
Bromodichloromethane	50	1 U	1 U
Bromoform	50	1 U	1 U
Bromomethane	5	1 U	1 U
Carbon Disulfide	60	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U
Chlorobenzene	5	1 U	1 U
Chloroethane	5	1 U	1 U
Chloroform	7	1 U	1 U
Chloromethane	5	1 U	1 U
Cis-1,2-Dichloroethylene	5	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U
Cyclohexane	NS	1 U	1 U
Dibromochloromethane	50	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U
Ethylbenzene	5	1 U	1 U
Isopropylbenzene (Cumene)	5	1 U	1 U
M,P-Xylenes	5	1 U	1 U
Methyl Acetate	NS	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U
Methylcyclohexane	NS	1 U	1 U
Methylene Chloride	5	7.5	1 U
O-Xylene (1,2-Dimethylbenzene)	5	1 U	1 U
Styrene	5	1 U	1 U
Tert-Butyl Methyl Ether	10	1 U	1 U
Tetrachloroethylene (PCE)	5	1 U	1 U
Toluene	5	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U
Trichloroethylene (TCE)	5	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U
Vinyl Chloride	2	1 U	1 U

Table 13
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Groundwater Analytical Results of SVOCs

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-MW-01_20200527	RI-MW-02_20200527	RI-MW-03_20200526	RI-DUP-01_20200522	RI-MW-04_20200522	RI-MW-05_20200522
	460-209726-1 5/27/2020 µg/L 1	460-209726-2 5/27/2020 µg/L 1	460-209627-1 5/26/2020 µg/L 1	460-209488-5 5/22/2020 µg/L 1	460-209488-1 5/22/2020 µg/L 1	460-209488-2 5/22/2020 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	NS	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	20 UJ	20 UJ	20 U	20 UJ	20 UJ
2,4-Dinitrotoluene	5	2 UJ	2 UJ	2 U	2 U	2 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U	10 U	10 UJ
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U	10 U	10 UJ
2-Nitrophenol	NS	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U	10 UJ
3-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U	10 U	10 UJ
4-Nitrophenol	NS	20 UJ	20 UJ	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U
Atrazine	7.5	2 UJ	2 UJ	2 U	2 U	2 U
Benzaldehyde	NS	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)Anthracene	0.002	1 U	0.77 J	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	0.55 J	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 UJ	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U	2 U	2 U
Caprolactam	NS	10 UJ	10 UJ	10 U	10 U	10 U
Carbazole	NS	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 UJ	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	1.4 J	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 UJ	1 UJ
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 UJ	2 U	2 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	1.2 J	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U

Table 13
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Groundwater Analytical Results of SVOCs

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-MW-06_20200522 460-209488-3 5/22/2020 µg/L 1	RI-MW-07_20200522 460-209488-4 5/22/2020 µg/L 1	RI-MW-08_20200527 460-209726-3 5/27/2020 µg/L 1	RI-GW-FB-01_20200526 460-209627-2 5/26/2020 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	NS	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U
2,4-Dinitrophenol	10	20 UJ	20 UJ	20 U
2,4-Dinitrotoluene	5	2 U	2 U	2 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U
2-Nitrophenol	NS	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U
4-Nitrophenol	NS	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U
Atrazine	7.5	2 U	2 U	2 UJ
Benzaldehyde	NS	10 UJ	10 UJ	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 UJ
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U
Caprolactam	NS	10 U	10 U	10 UJ
Carbazole	NS	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 UJ
Dibenzofuran	NS	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 UJ	1 UJ	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 UJ
Isophorone	50	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U

Table 14
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Groundwater Analytical Results of Pesticides

	AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-MW-01_20200527 460-209726-1 5/27/2020 µg/L 1	RI-MW-02_20200527 460-209726-2 5/27/2020 µg/L 1	RI-MW-03_20200526 460-209627-1 5/26/2020 µg/L 1	RI-DUP-01_20200522 460-209488-5 5/22/2020 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U
Chlordane, Total	0.05	0.5 U	0.5 U	0.5 U	0.5 U
cis-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 U	0.02 U	0.02 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U
trans-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U

Table 14
 La Central Phase II
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 Groundwater Analytical Results of Pesticides

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-MW-04_20200522 460-209488-1 5/22/2020 µg/L 1	RI-MW-05_20200522 460-209488-2 5/22/2020 µg/L 1	RI-MW-06_20200522 460-209488-3 5/22/2020 µg/L 1	RI-MW-07_20200522 460-209488-4 5/22/2020 µg/L 1	
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U
Chlordane, Total	0.05	0.5 U	0.5 U	0.5 U	0.5 U
cis-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 U	0.02 U	0.02 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U
trans-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U

Table 14
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Groundwater Analytical Results of Pesticides

	AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor	RI-MW-08_20200527 460-209726-3 5/27/2020 µg/L 1	RI-GW-FB-01_20200526 460-209627-2 5/26/2020 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U
Chlordane, Total	0.05	0.5 U	0.5 U
cis-Chlordane	NS	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 U
Endrin	ND	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U
trans-Chlordane	NS	0.02 U	0.02 U

Table 15
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Groundwater Analytical Results of PCBs

AKRF Sample ID		RI-MW-01_20200527	RI-MW-02_20200527	RI-MW-03_20200526	RI-DUP-01_20200522	RI-MW-04_20200522
Laboratory Sample ID		460-209726-1	460-209726-2	460-209627-1	460-209488-5	460-209488-1
Date Sampled		5/27/2020	5/27/2020	5/26/2020	5/22/2020	5/22/2020
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 15
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Groundwater Analytical Results of PCBs

AKRF Sample ID		RI-MW-05_20200522	RI-MW-06_20200522	RI-MW-07_20200522	RI-MW-08_20200527	RI-GW-FB-01_20200526
Laboratory Sample ID		460-209488-2	460-209488-3	460-209488-4	460-209726-3	460-209627-2
Date Sampled		5/22/2020	5/22/2020	5/22/2020	5/27/2020	5/26/2020
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 16
La Central Phase II
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of Total Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		RI-MW-01_20200527 460-209726-1 5/27/2020 µg/L 1	RI-MW-01_20200527 460-209726-1 5/27/2020 µg/L 2	RI-MW-02_20200527 460-209726-2 5/27/2020 µg/L 1	RI-MW-02_20200527 460-209726-2 5/27/2020 µg/L 2	RI-MW-03_20200526 460-209627-1 5/26/2020 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NR	45.7	NR	29.3 J	NR
Antimony	3	NR	0.42 J	NR	0.51 J	NR
Arsenic	25	NR	0.8 J	NR	2 U	NR
Barium	1,000	NR	26	NR	33.2	NR
Beryllium	3	NR	0.8 U	NR	0.8 U	NR
Cadmium	5	NR	2 U	NR	2 U	NR
Calcium	NS	NR	55,800	NR	143,000	NR
Chromium, Total	50	NR	3.9 J	NR	3.1 J	NR
Cobalt	NS	NR	4 U	NR	4 U	NR
Copper	200	NR	4 U	NR	2.9 J	NR
Iron	300	NR	120 U	NR	120 U	NR
Lead	25	NR	1.2 U	NR	1.2 U	NR
Magnesium	35,000	NR	18,100	NR	42,600	NR
Manganese	300	NR	53.8	NR	77.8	NR
Mercury	0.7	0.2 U	NR	0.2 U	NR	0.2 U
Nickel	100	NR	4 U	NR	2.8 J	NR
Potassium	NS	NR	5,660	NR	8,350	NR
Selenium	10	NR	10 U	NR	10 U	NR
Silver	50	NR	2 U	NR	2 U	NR
Sodium	20,000	NR	65,100	NR	121,000	NR
Thallium	0.5	NR	0.8 U	NR	0.8 U	NR
Vanadium	NS	NR	2.4 J	NR	87.3	NR
Zinc	2,000	NR	16 U	NR	16 U	NR

Table 16
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Groundwater Analytical Results of Total Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		RI-MW-03_20200526 460-209627-1 5/26/2020 µg/L 2	RI-DUP-01_20200522 460-209488-5 5/22/2020 µg/L 1	RI-DUP-01_20200522 460-209488-5 5/22/2020 µg/L 2	RI-DUP-01_20200522 460-209488-5 5/22/2020 µg/L 10	RI-MW-04_20200522 460-209488-1 5/22/2020 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	382	NR	3,530 J	NR	NR
Antimony	3	0.52 J	NR	0.67 J	NR	NR
Arsenic	25	2 U	NR	0.96 J	NR	NR
Barium	1,000	82	NR	103	NR	NR
Beryllium	3	0.8 U	NR	0.8 U	NR	NR
Cadmium	5	2 U	NR	2 U	NR	NR
Calcium	NS	145,000	NR	NR	418,000	NR
Chromium, Total	50	4 U	NR	15.6 J	NR	NR
Cobalt	NS	4 U	NR	6.2	NR	NR
Copper	200	2.1 J	NR	14.4 J	NR	NR
Iron	300	120 U	NR	6,900 J	NR	NR
Lead	25	1.2 U	NR	14.1 J	NR	NR
Magnesium	35,000	40,300	NR	32,100	NR	NR
Manganese	300	88.7	NR	201	NR	NR
Mercury	0.7	NR	0.2 U	NR	NR	0.2 U
Nickel	100	4 U	NR	9.1 J	NR	NR
Potassium	NS	6,550	NR	5,960	NR	NR
Selenium	10	10 U	NR	17.8	NR	NR
Silver	50	2 U	NR	2 U	NR	NR
Sodium	20,000	100,000	NR	29,700	NR	NR
Thallium	0.5	0.8 U	NR	0.8 U	NR	NR
Vanadium	NS	1.4 J	NR	11.6 J	NR	NR
Zinc	2,000	16 U	NR	29.6 J	NR	NR

Table 16
La Central Phase II
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of Total Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		RI-MW-04_20200522 460-209488-1 5/22/2020 µg/L 2	RI-MW-04_20200522 460-209488-1 5/22/2020 µg/L 10	RI-MW-05_20200522 460-209488-2 5/22/2020 µg/L 1	RI-MW-05_20200522 460-209488-2 5/22/2020 µg/L 2	RI-MW-06_20200522 460-209488-3 5/22/2020 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	5,720 J	NR	NR	283	NR
Antimony	3	0.51 J	NR	NR	0.6 J	NR
Arsenic	25	1.4 J	NR	NR	2 U	NR
Barium	1,000	132	NR	NR	59.8	NR
Beryllium	3	0.8 U	NR	NR	0.8 U	NR
Cadmium	5	20	NR	NR	2 U	NR
Calcium	NS	NR	447,000	NR	154,000	NR
Chromium, Total	50	25 J	NR	NR	2.4 J	NR
Cobalt	NS	8.6	NR	NR	1.9 J	NR
Copper	200	21.5 J	NR	NR	3.7 J	NR
Iron	300	11,800 J	NR	NR	614	NR
Lead	25	24.1 J	NR	NR	2.5	NR
Magnesium	35,000	31,600	NR	NR	47,200	NR
Manganese	300	246	NR	NR	180	NR
Mercury	0.7	NR	NR	0.2 U	NR	0.2 U
Nickel	100	14 J	NR	NR	3.5 J	NR
Potassium	NS	6,200	NR	NR	4,910	NR
Selenium	10	19.2	NR	NR	8.3 J	NR
Silver	50	2 U	NR	NR	2 U	NR
Sodium	20,000	29,900	NR	NR	104,000	NR
Thallium	0.5	0.8 U	NR	NR	0.8 U	NR
Vanadium	NS	18.5 J	NR	NR	1.6 J	NR
Zinc	2,000	48.7 J	NR	NR	13.2 J	NR

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Bronx, NY
Remedial Investigation
Groundwater Analytical Results of Total Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		RI-MW-06_20200522 460-209488-3 5/22/2020 µg/L 2	RI-MW-07_20200522 460-209488-4 5/22/2020 µg/L 1	RI-MW-07_20200522 460-209488-4 5/22/2020 µg/L 2	RI-MW-08_20200527 460-209726-3 5/27/2020 µg/L 1	RI-MW-08_20200527 460-209726-3 5/27/2020 µg/L 2
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	309	NR	462	NR	40 U
Antimony	3	0.43 J	NR	0.5 J	NR	2 U
Arsenic	25	2 U	NR	2 U	NR	1.6 J
Barium	1,000	47.2	NR	73	NR	132
Beryllium	3	0.8 U	NR	0.8 U	NR	0.8 U
Cadmium	5	2 U	NR	2 U	NR	2 U
Calcium	NS	86,100	NR	110,000	NR	192,000
Chromium, Total	50	4 U	NR	4.1	NR	4 U
Cobalt	NS	4 U	NR	4 U	NR	4 U
Copper	200	3.7 J	NR	3.2 J	NR	4 U
Iron	300	556	NR	991	NR	4,890
Lead	25	6.6	NR	3	NR	1.2 U
Magnesium	35,000	23,800	NR	46,900	NR	38,700
Manganese	300	52.6	NR	76.7	NR	1,020
Mercury	0.7	NR	0.2 U	NR	0.2 U	NR
Nickel	100	4 U	NR	3 J	NR	4 U
Potassium	NS	3,130	NR	4,960	NR	19,300
Selenium	10	7.3 J	NR	10 U	NR	10 U
Silver	50	2 U	NR	2 U	NR	2 U
Sodium	20,000	61,300	NR	140,000	NR	155,000
Thallium	0.5	0.8 U	NR	0.8 U	NR	0.8 U
Vanadium	NS	4.7	NR	2.2 J	NR	2.4 J
Zinc	2,000	23.2	NR	12.5 J	NR	16.3

Table 16
La Central Phase II
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of Total Metals

AKRF Sample ID		RI-GW-FB-01_20200526	RI-GW-FB-01_20200526
Laboratory Sample ID		460-209627-2	460-209627-2
Date Sampled		5/26/2020	5/26/2020
Unit		µg/L	µg/L
Dilution Factor		1	2
Compound	AWQSGV	CONC Q	CONC Q
Aluminum	NS	NR	40 U
Antimony	3	NR	2 U
Arsenic	25	NR	2 U
Barium	1,000	NR	4 U
Beryllium	3	NR	0.8 U
Cadmium	5	NR	2 U
Calcium	NS	NR	200 U
Chromium, Total	50	NR	4 U
Cobalt	NS	NR	4 U
Copper	200	NR	4 U
Iron	300	NR	120 U
Lead	25	NR	1.2 U
Magnesium	35,000	NR	200 U
Manganese	300	NR	8 U
Mercury	0.7	0.2 U	NR
Nickel	100	NR	4 U
Potassium	NS	NR	200 U
Selenium	10	NR	10 U
Silver	50	NR	2 U
Sodium	20,000	NR	200 U
Thallium	0.5	NR	0.8 U
Vanadium	NS	NR	4 U
Zinc	2,000	NR	16 U

Table 17
La Central Phase II
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of Dissolved Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		RI-MW-01_20200527 460-209726-1 5/27/2020 µg/L 1	RI-MW-01_20200527 460-209726-1 5/27/2020 µg/L 2	RI-MW-02_20200527 460-209726-2 5/27/2020 µg/L 1	RI-MW-02_20200527 460-209726-2 5/27/2020 µg/L 2	RI-MW-03_20200526 460-209627-1 5/26/2020 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	NR	40 U	NR	40 U	NR
Antimony	3	NR	2 U	NR	2 U	NR
Arsenic	25	NR	0.9 J	NR	2 U	NR
Barium	1,000	NR	25.6	NR	32.5	NR
Beryllium	3	NR	0.8 U	NR	0.8 U	NR
Cadmium	5	NR	2 U	NR	2 U	NR
Calcium	NS	NR	58,800	NR	148,000	NR
Chromium, Total	50	NR	3.6 J	NR	4 U	NR
Cobalt	NS	NR	4 U	NR	4 U	NR
Copper	200	NR	4 U	NR	4 U	NR
Iron	300	NR	120 U	NR	120 U	NR
Lead	25	NR	1.2 U	NR	1.2 U	NR
Magnesium	35,000	NR	18,300	NR	42,900	NR
Manganese	300	NR	53.6	NR	74.1	NR
Mercury	0.7	0.2 U	NR	0.2 U	NR	0.2 U
Nickel	100	NR	4 U	NR	4 U	NR
Potassium	NS	NR	5,790	NR	8,670	NR
Selenium	10	NR	10 U	NR	10 U	NR
Silver	50	NR	2 U	NR	2 U	NR
Sodium	20,000	NR	65,900	NR	121,000	NR
Thallium	0.5	NR	0.8 U	NR	0.8 U	NR
Vanadium	NS	NR	2.3 J	NR	85.1	NR
Zinc	2,000	NR	16 U	NR	16 U	NR

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 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Groundwater Analytical Results of Dissolved Metals

AKRF Sample ID Laboratory Sample ID Date Sampled Unit Dilution Factor		RI-MW-03_20200526 460-209627-1 5/26/2020 µg/L 2	RI-DUP-01_20200522 460-209488-5 5/22/2020 µg/L 1	RI-DUP-01_20200522 460-209488-5 5/22/2020 µg/L 2	RI-DUP-01_20200522 460-209488-5 5/22/2020 µg/L 10	RI-MW-04_20200522 460-209488-1 5/22/2020 µg/L 1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	54.9	NR	40 U	NR	NR
Antimony	3	2 U	NR	2 U	NR	NR
Arsenic	25	2 U	NR	2 U	NR	NR
Barium	1,000	81.1	NR	57.7	NR	NR
Beryllium	3	0.8 U	NR	0.8 U	NR	NR
Cadmium	5	2 U	NR	2 U	NR	NR
Calcium	NS	137,000	NR	NR	439,000	NR
Chromium, Total	50	4 U	NR	4 U	NR	NR
Cobalt	NS	4 U	NR	1.8 J	NR	NR
Copper	200	4 U	NR	4 U	NR	NR
Iron	300	82.5 J	NR	114 J	NR	NR
Lead	25	0.65 J	NR	1.2 U	NR	NR
Magnesium	35,000	36,300	NR	25,900	NR	NR
Manganese	300	79.8	NR	93.3	NR	NR
Mercury	0.7	NR	0.2 U	NR	NR	0.2 U
Nickel	100	4 U	NR	4 U	NR	NR
Potassium	NS	6,070	NR	4,850	NR	NR
Selenium	10	10 U	NR	22.6	NR	NR
Silver	50	2 U	NR	2 U	NR	NR
Sodium	20,000	94,600	NR	27,200	NR	NR
Thallium	0.5	0.8 U	NR	0.8 U	NR	NR
Vanadium	NS	1.4 J	NR	4 U	NR	NR
Zinc	2,000	16 U	NR	16 U	NR	NR

Table 17
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Bronx, NY
Remedial Investigation
Groundwater Analytical Results of Dissolved Metals

AKRF Sample ID		RI-MW-04_20200522	RI-MW-04_20200522	RI-MW-05_20200522	RI-MW-05_20200522	RI-MW-06_20200522
Laboratory Sample ID		460-209488-1	460-209488-1	460-209488-2	460-209488-2	460-209488-3
Date Sampled		5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		2	10	1	2	1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	NR	NR	40 U	NR
Antimony	3	2 U	NR	NR	2 U	NR
Arsenic	25	2 U	NR	NR	2 U	NR
Barium	1,000	54.8	NR	NR	55.6	NR
Beryllium	3	0.8 U	NR	NR	0.8 U	NR
Cadmium	5	2 U	NR	NR	2 U	NR
Calcium	NS	NR	454,000	NR	137,000	NR
Chromium, Total	50	4 U	NR	NR	4 U	NR
Cobalt	NS	1.6 J	NR	NR	4 U	NR
Copper	200	4 U	NR	NR	2.4 J	NR
Iron	300	59.2 J	NR	NR	120 U	NR
Lead	25	1.2 U	NR	NR	1.2 U	NR
Magnesium	35,000	29,000	NR	NR	44,800	NR
Manganese	300	89.2	NR	NR	170	NR
Mercury	0.7	NR	NR	0.2 U	NR	0.2 U
Nickel	100	4 U	NR	NR	4 U	NR
Potassium	NS	5,130	NR	NR	4,670 J	NR
Selenium	10	23.3	NR	NR	10.5	NR
Silver	50	2 U	NR	NR	2 U	NR
Sodium	20,000	26,700	NR	NR	99,900	NR
Thallium	0.5	0.8 U	NR	NR	0.8 U	NR
Vanadium	NS	4 U	NR	NR	4 U	NR
Zinc	2,000	16 U	NR	NR	16 U	NR

Table 17
La Central Phase II
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of Dissolved Metals

AKRF Sample ID		RI-MW-06_20200522	RI-MW-07_20200522	RI-MW-07_20200522	RI-MW-08_20200527	RI-MW-08_20200527
Laboratory Sample ID		460-209488-3	460-209488-4	460-209488-4	460-209726-3	460-209726-3
Date Sampled		5/22/2020	5/22/2020	5/22/2020	5/27/2020	5/27/2020
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		2	1	2	1	2
Compound	AWQSGV	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	NR	40 U	NR	40 U
Antimony	3	2 U	NR	2 U	NR	2 U
Arsenic	25	2 U	NR	2 U	NR	1.3 J
Barium	1,000	34.9	NR	65.2	NR	135
Beryllium	3	0.8 U	NR	0.8 U	NR	0.8 U
Cadmium	5	2 U	NR	2 U	NR	2 U
Calcium	NS	74,300	NR	101,000	NR	203,000
Chromium, Total	50	4 U	NR	4 U	NR	4 U
Cobalt	NS	4 U	NR	4 U	NR	4 U
Copper	200	4 U	NR	4 U	NR	4 U
Iron	300	120 U	NR	120 U	NR	4,520
Lead	25	2	NR	1.2 U	NR	1.2 U
Magnesium	35,000	20,100	NR	41,700	NR	39,100
Manganese	300	36.2	NR	58.5	NR	988
Mercury	0.7	NR	0.2 U	NR	0.2 U	NR
Nickel	100	4 U	NR	4 U	NR	4 U
Potassium	NS	2,680	NR	4,430	NR	19,800
Selenium	10	8.3 J	NR	6.6 J	NR	10 U
Silver	50	2 U	NR	2 U	NR	2 U
Sodium	20,000	52,800	NR	126,000	NR	154,000
Thallium	0.5	0.8 U	NR	0.8 U	NR	0.8 U
Vanadium	NS	1.9 J	NR	4 U	NR	2.3 J
Zinc	2,000	14.4 J	NR	16 U	NR	13.3 J

Table 17
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Groundwater Analytical Results of Dissolved Metals

AKRF Sample ID		RI-GW-FB-01_20200526	RI-GW-FB-01_20200526
Laboratory Sample ID		460-209627-2	460-209627-2
Date Sampled		5/26/2020	5/26/2020
Unit		µg/L	µg/L
Dilution Factor		1	2
Compound	AWQSGV	CONC Q	CONC Q
Aluminum	NS	NR	40 U
Antimony	3	NR	2 U
Arsenic	25	NR	2 U
Barium	1,000	NR	4 U
Beryllium	3	NR	0.8 U
Cadmium	5	NR	2 U
Calcium	NS	NR	200 U
Chromium, Total	50	NR	4 U
Cobalt	NS	NR	4 U
Copper	200	NR	4 U
Iron	300	NR	120 U
Lead	25	NR	1.2 U
Magnesium	35,000	NR	200 U
Manganese	300	NR	8 U
Mercury	0.7	0.2 U	NR
Nickel	100	NR	4 U
Potassium	NS	NR	200 U
Selenium	10	NR	10 U
Silver	50	NR	2 U
Sodium	20,000	NR	200 U
Thallium	0.5	NR	0.8 U
Vanadium	NS	NR	4 U
Zinc	2,000	NR	16 U

Table 18
La Central Phase II
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of PFAS

	AKRF Sample ID	RI-MW-01_20200527	RI-MW-02_20200527	RI-MW-03_20200526	RI-DUP-01_20200522
	Laboratory Sample ID	200-53768-1	200-53768-2	200-53770-23	200-53749-5
	Date Sampled	5/27/2020	5/27/2020	5/26/2020	5/22/2020
	Unit	ng/l	ng/l	ng/l	ng/l
	Dilution Factor	1	1	1	1
Compound	USEPA DWHAL	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	17.9 U	16.7 U	16.3 U	17 U
8:2 Fluorotelomer sulfonate	NS	17.9 U	16.7 U	16.3 U	17 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	17.9 U	16.7 U	16.3 U	17 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	17.9 U	16.7 U	16.3 U	17 U
Perfluorobutanesulfonic acid	NS	2.32 U	6.28	6.91	3.54
Perfluorobutanoic acid	NS	5.5	24.9	15.1	63.2
Perfluorodecanesulfonic acid	NS	1.79 U	1.67 U	1.63 U	1.7 U
Perfluorodecanoic acid	NS	0.95 J	1.67 U	1.63 U	1.7 U
Perfluorododecanoic acid	NS	1.79 U	1.67 U	1.63 U	1.7 U
Perfluoroheptanesulfonic acid	NS	1.79 U	1.67 U	0.88 J	1.7 U
Perfluoroheptanoic acid	NS	5.64	41.1	16.9	115
Perfluorohexanesulfonic acid	NS	1.69 J	4.98	5.44	5.12
Perfluorohexanoic acid	NS	6.74	50.3	21.7	135
Perfluorononanoic acid	NS	4.78	2.52 JK	4.11	0.72 J
Perfluorooctanesulfonic acid	NS	40	22.6	35.2	19.7
Perfluorooctanoic acid	NS	12.3	50.6	35.2	70.7
Perfluoropentanoic acid	NS	11.1	70.6	30.5	204
Perfluorotetradecanoic acid	NS	1.79 U	1.67 U	1.63 U	1.7 U
Perfluorotridecanoic acid	NS	1.79 U	1.67 U	1.63 U	1.7 U
Perfluoroundecanoic acid	NS	1.79 U	1.67 U	1.63 U	1.7 U
Perfluorooctanesulfonamide	NS	8.95 U	8.33 U	8.15 U	8.51 U
Total PFAS	70	88.7	273.88	171.94	616.98

Table 18
La Central Phase II
Bronx, NY
Remedial Investigation
Groundwater Analytical Results of PFAS

	AKRF Sample ID	RI-MW-04_20200522	RI-MW-05_20200522	RI-MW-06_20200522	RI-MW-07_20200522
	Laboratory Sample ID	200-53749-1	200-53749-2	200-53749-3	200-53749-4
	Date Sampled	5/22/2020	5/22/2020	5/22/2020	5/22/2020
	Unit	ng/l	ng/l	ng/l	ng/l
	Dilution Factor	1	1	1	1
Compound	USEPA DWHAL	CONC Q	CONC Q	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	16.6 U	17.6 U	17.1 U	17.3 U
8:2 Fluorotelomer sulfonate	NS	16.6 U	17.6 U	17.1 U	17.3 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	16.6 U	17.6 U	17.1 U	17.3 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	16.6 U	17.6 U	17.1 U	17.3 U
Perfluorobutanesulfonic acid	NS	3.77	5.94	2.06	5.31
Perfluorobutanoic acid	NS	59	14.3	7.78	16.3
Perfluorodecanesulfonic acid	NS	1.66 U	1.76 U	1.71 U	1.73 U
Perfluorodecanoic acid	NS	1.66 U	1.76 U	1.71 U	1.73 U
Perfluorododecanoic acid	NS	1.66 U	1.76 U	1.71 U	1.73 U
Perfluoroheptanesulfonic acid	NS	1.66 U	1.76 U	1.71 U	1.73 U
Perfluoroheptanoic acid	NS	103	6.56	3.07	7.6
Perfluorohexanesulfonic acid	NS	5.16	4.93	2.04	3.89
Perfluorohexanoic acid	NS	127	9.78	2.99	12.8
Perfluorononanoic acid	NS	0.64 J	1.66 J	0.96 J	2.17
Perfluorooctanesulfonic acid	NS	20.5	42.4	16.5	33.7
Perfluorooctanoic acid	NS	72.6	24.4	16	25.5
Perfluoropentanoic acid	NS	196	12.2	3.43	17.5
Perfluorotetradecanoic acid	NS	1.66 U	1.76 U	1.71 U	1.73 U
Perfluorotridecanoic acid	NS	1.66 U	1.76 U	1.71 U	1.73 U
Perfluoroundecanoic acid	NS	1.66 U	1.76 U	1.71 U	1.73 U
Perfluorooctanesulfonamide	NS	8.3 U	8.78 U	8.56 U	8.63 U
Total PFAS	70	587.67	122.17	54.83	124.77

Table 18
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Groundwater Analytical Results of PFAS

	AKRF Sample ID	RI-MW-08_20200527	RI-GW-FB-01_20200526
	Laboratory Sample ID	200-53768-3	200-53770-24
	Date Sampled	5/27/2020	5/26/2020
	Unit	ng/l	ng/l
	Dilution Factor	1	1
Compound	USEPA DWHAL	CONC Q	CONC Q
6:2 Fluorotelomer sulfonate	NS	17.4 U	16.8 U
8:2 Fluorotelomer sulfonate	NS	17.4 U	16.8 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	17.4 U	16.8 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	17.4 U	16.8 U
Perfluorobutanesulfonic acid	NS	11	1.68 U
Perfluorobutanoic acid	NS	38.3	1.68 U
Perfluorodecanesulfonic acid	NS	1.74 U	1.68 U
Perfluorodecanoic acid	NS	1.74 U	1.68 U
Perfluorododecanoic acid	NS	1.74 U	1.68 U
Perfluoroheptanesulfonic acid	NS	1.74 U	1.68 U
Perfluoroheptanoic acid	NS	22.6	1.68 U
Perfluorohexanesulfonic acid	NS	3.7	1.68 U
Perfluorohexanoic acid	NS	87.8	1.68 U
Perfluorononanoic acid	NS	1.74 U	1.68 U
Perfluorooctanesulfonic acid	NS	14.6	1.68 U
Perfluorooctanoic acid	NS	40.5	1.68 U
Perfluoropentanoic acid	NS	106	1.68 U
Perfluorotetradecanoic acid	NS	1.74 U	1.68 U
Perfluorotridecanoic acid	NS	1.74 U	1.68 U
Perfluoroundecanoic acid	NS	1.74 U	1.68 U
Perfluorooctanesulfonamide	NS	8.71 U	8.38 U
Total PFAS	70	324.5	0

Table 19
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Vapor Analytical Results of VOCs

Sample ID	RI-SV-01_20200526	RI-SV-01_20200526	RI-SV-02_20200526	RI-SV-02_20200526	RI-SV-03_20200526	RI-SV-04_20200522	RI-SV-04_20200522
Lab Sample ID	200-53775-1	200-53775-1	200-53775-2	200-53775-2	200-53775-3	200-53747-1	200-53747-1
Date Sampled	5/26/2020	5/26/2020	5/26/2020	5/26/2020	5/26/2020	5/22/2020	5/22/2020
Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Dilution Factor	1	10	5	10	5	1	6
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1.1 U	NR	5.5 U	NR	5.5 U	1.1 U	NR
1,1,2,2-Tetrachloroethane	1.4 U	NR	6.9 U	NR	6.9 U	1.4 U	NR
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.37 J	NR	7.7 U	NR	7.7 U	1.5 U	NR
1,1,2-Trichloroethane	1.1 U	NR	5.5 U	NR	5.5 U	1.1 U	NR
1,1-Dichloroethane	0.81 U	NR	4 U	NR	4 U	0.81 U	NR
1,1-Dichloroethene	0.2 U	NR	1 U	NR	1 U	0.2 U	NR
1,2,4-Trichlorobenzene	3.7 U	NR	19 U	NR	19 U	3.7 U	NR
1,2,4-Trimethylbenzene	8.4	NR	4.3 J	NR	6.4	6.2	NR
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	NR	7.7 U	NR	7.7 U	1.5 U	NR
1,2-Dichlorobenzene	1.2 U	NR	6 U	NR	6 U	1.2 U	NR
1,2-Dichloroethane	0.81 U	NR	4 U	NR	4 U	0.81 U	NR
1,2-Dichloropropane	0.92 U	NR	4.6 U	NR	4.6 U	0.92 U	NR
1,2-Dichlorotetrafluoroethane	1.4 U	NR	7 U	NR	7 U	1.4 U	NR
1,3,5-Trimethylbenzene (Mesitylene)	2.5	NR	4.9 U	NR	2.1 J	1.8	NR
1,3-Butadiene	0.18 J	NR	2.2 U	NR	2.2 U	0.44 U	NR
1,3-Dichlorobenzene	11	NR	9.2	NR	8.1	8	NR
1,4-Dichlorobenzene	1.2 U	NR	6 U	NR	6 U	1.2 U	NR
2,2,4-Trimethylpentane	0.93 U	NR	4.7 U	NR	4.7 U	0.3 J	NR
2-Chlorotoluene	1 U	NR	5.2 U	NR	1.3 J	1 U	NR
2-Hexanone	20	NR	19	NR	10	5.4	NR
4-Ethyltoluene	2.2	NR	4.9 U	NR	2.1 J	1.8	NR
Acetone	NR	620 D	NR	580 D	330	NR	170 D
Allyl Chloride (3-Chloropropene)	1.6 U	NR	7.8 U	NR	7.8 U	1.6 U	NR
Benzene	0.44 J	NR	1.1 J	NR	3.2 U	0.32 J	NR
Benzyl Chloride	1 U	NR	5.2 U	NR	5.2 U	1 U	NR
Bromodichloromethane	1.3 U	NR	6.7 U	NR	6.7 U	1.3 U	NR
Bromoform	2.1 U	NR	10 U	NR	10 UJ	2.1 UJ	NR
Bromomethane	0.78 U	NR	3.9 U	NR	3.9 U	0.78 U	NR
Butane	5.3	NR	11	NR	5.8 J	1.9	NR
Carbon Disulfide	0.73 J	NR	3.6 J	NR	7.8 U	0.78 J	NR
Carbon Tetrachloride	0.33	NR	1.1 U	NR	1.1 U	0.3	NR
Chlorobenzene	0.92 U	NR	4.6 U	NR	4.6 U	0.92 U	NR
Chlorodifluoromethane	0.87 J	NR	8.8 U	NR	8.8 U	1.1 J	NR
Chloroethane	1.3 U	NR	6.6 U	NR	6.6 U	1.3 U	NR
Chloroform	4.4	NR	4.9 U	NR	1.8 J	0.79 J	NR
Chloromethane	0.51 J	NR	5.2 U	NR	5.2 U	0.38 J	NR
Cis-1,2-Dichloroethylene	0.2 U	NR	1 U	NR	1 U	2.2	NR
Cis-1,3-Dichloropropene	0.91 U	NR	4.5 U	NR	4.5 U	0.91 U	NR
Cyclohexane	0.19 J	NR	3.4 U	NR	3.4 U	0.69 U	NR
Cymene	0.47 J	NR	5.5 U	NR	5.5 U	1.6	NR
Dibromochloromethane	1.7 U	NR	8.5 U	NR	8.5 U	1.7 U	NR
Dichlorodifluoromethane	3.8	NR	6.9 J	NR	4.6 J	2.1 J	NR
Ethylbenzene	3.5	NR	2.3 J	NR	8.3	2.7	NR
Hexachlorobutadiene	2.1 U	NR	11 U	NR	11 U	2.1 U	NR
Isopropanol	10 J	NR	9.1 J	NR	7.6 J	NR	110 D
Isopropylbenzene (Cumene)	0.98 U	NR	4.9 U	NR	4.9 U	0.6 J	NR
M,P-Xylenes	17	NR	11 U	NR	9.4 J	13	NR
Methyl Ethyl Ketone (2-Butanone)	110	NR	110	NR	54	27	NR
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2 U	NR	10 U	NR	10 U	1.6 J	NR
Methyl Methacrylate	2 U	NR	10 U	NR	10 U	2 U	NR
Methylene Chloride	1.7 U	NR	8.7 U	NR	8.7 U	1.7 U	NR
Naphthalene	2.6 U	NR	13 U	NR	13 U	1.2 J	NR
N-Butylbenzene	0.55 J	NR	5.5 U	NR	1.4 J	0.61 J	NR
N-Heptane	3.7	NR	5	NR	1.7 J	1.8	NR
N-Hexane	1.7	NR	4	NR	3.5 U	0.7 U	NR
N-Propylbenzene	1.9	NR	4.9 U	NR	4.9 U	1.5	NR
O-Xylene (1,2-Dimethylbenzene)	8.3	NR	4.3 U	NR	4.8	5.8	NR
Sec-Butylbenzene	0.38 J	NR	5.5 U	NR	5.5 U	0.31 J	NR
Styrene	0.85 U	NR	4.3 U	NR	3.9 J	0.85 U	NR
T-Butylbenzene	1.1 U	NR	5.5 U	NR	5.5 U	1.1 U	NR
Tert-Butyl Alcohol	9.6 J	NR	10 J	NR	7 J	11 J	NR
Tert-Butyl Methyl Ether	0.72 U	NR	3.6 U	NR	3.6 U	0.72 U	NR
Tetrachloroethylene (PCE)	10	NR	29	NR	25	9.6	NR
Tetrahydrofuran	15 U	NR	74 U	NR	74 U	0.99 J	NR
Toluene	3.6	NR	3.8	NR	3.8 U	3.1	NR
Trans-1,2-Dichloroethene	0.79 U	NR	4 U	NR	4 U	0.79 U	NR
Trans-1,3-Dichloropropene	0.91 U	NR	4.5 U	NR	4.5 U	0.91 U	NR
Trichloroethylene (TCE)	0.2 U	NR	1 U	NR	1 U	3.5	NR
Trichlorofluoromethane	1.5	NR	5.6 U	NR	3.4 J	3.8	NR
Vinyl Bromide	0.87 U	NR	4.4 U	NR	4.4 U	0.87 U	NR
Vinyl Chloride	0.2 U	NR	1 U	NR	1 U	0.2 U	NR

Table 19
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Vapor Analytical Results of VOCs

Sample ID	RI-SV-05_20200522	RI-SV-05_20200522	RI-SV-06_20200522	RI-SV-06_20200522	RI-SV-07_20200522	RI-SV-07_20200522	RI-SV-08_20200527
Lab Sample ID	200-53747-2	200-53747-2	200-53747-3	200-53747-3	200-53747-4	200-53747-4	200-53792-1
Date Sampled	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/27/2020
Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Dilution Factor	1	6	1	4	1	7.17	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.38 J	NR	1.8	NR	0.98 J	NR	1.1 U
1,1,2,2-Tetrachloroethane	1.4 U	NR	1.4 U	NR	1.4 U	NR	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	1.5 U	NR	1.5 U	NR	1.5 U	NR	1.5 U
1,1,2-Trichloroethane	1.1 U	NR	1.1 U	NR	1.1 U	NR	1.1 U
1,1-Dichloroethane	0.81 U	NR	0.47 J	NR	0.81 U	NR	0.81 U
1,1-Dichloroethene	0.2 U	NR	0.2 U	NR	0.2 U	NR	0.2 U
1,2,4-Trichlorobenzene	3.7 U	NR	3.7 U	NR	3.7 U	NR	3.7 U
1,2,4-Trimethylbenzene	7	NR	8.2	NR	13	NR	15
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	NR	1.5 U	NR	1.5 U	NR	1.5 U
1,2-Dichlorobenzene	1.2 U	NR	1.2 U	NR	1.2 U	NR	1.2 U
1,2-Dichloroethane	0.81 U	NR	0.81 U	NR	0.81 U	NR	0.81 U
1,2-Dichloropropane	0.92 U	NR	0.92 U	NR	0.92 U	NR	0.92 U
1,2-Dichlorotetrafluoroethane	1.4 U	NR	1.4 U	NR	1.4 U	NR	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	1.5	NR	2.3	NR	3.7	NR	6
1,3-Butadiene	0.78	NR	0.44 U	NR	0.44 U	NR	0.44 U
1,3-Dichlorobenzene	10	NR	14	NR	9.6	NR	5.7
1,4-Dichlorobenzene	1.2 U	NR	1.2 U	NR	1.2 U	NR	1.2 U
2,2,4-Trimethylpentane	0.33 J	NR	0.48 J	NR	3.5	NR	0.93 U
2-Chlorotoluene	1 U	NR	1.2	NR	1.7	NR	2.5
2-Hexanone	4.2	NR	7.2	NR	7.4	NR	9.5
4-Ethyltoluene	1.7	NR	2.6	NR	4.1	NR	4.3
Acetone	NR	220 D	NR	160 D	NR	300 D	NR
Allyl Chloride (3-Chloropropene)	1.6 U	NR	1.6 U	NR	1.6 U	NR	1.6 U
Benzene	1.1	NR	1	NR	4.7	NR	1
Benzyl Chloride	1 U	NR	1 U	NR	1 U	NR	1 U
Bromodichloromethane	1.3 U	NR	1.3 U	NR	1.3 U	NR	1.3 U
Bromoform	2.1 UJ	NR	2.1 UJ	NR	2.1 UJ	NR	2.1 UJ
Bromomethane	0.78 U	NR	0.78 U	NR	0.78 U	NR	0.78 U
Butane	5.9	NR	2.6	NR	3.3	NR	1.6
Carbon Disulfide	4.9	NR	13	NR	7.1	NR	1.1 J
Carbon Tetrachloride	0.31	NR	0.18 J	NR	0.22 U	NR	0.22 U
Chlorobenzene	0.92 U	NR	0.92 U	NR	0.92 U	NR	0.92 U
Chlorodifluoromethane	0.69 J	NR	1 J	NR	0.53 J	NR	0.93 J
Chloroethane	1.3 U	NR	1.3 U	NR	1.3 U	NR	1.3 U
Chloroform	6.6	NR	4.8	NR	1.4	NR	2.3
Chloromethane	0.36 J	NR	0.26 J	NR	0.29 J	NR	1 U
Cis-1,2-Dichloroethylene	0.2 U	NR	0.2 U	NR	0.2 U	NR	0.2 U
Cis-1,3-Dichloropropene	0.91 U	NR	0.91 U	NR	0.91 U	NR	0.91 U
Cyclohexane	0.44 J	NR	0.45 J	NR	1.1	NR	0.19 J
Cymene	2.4	NR	2.3	NR	2.3	NR	5.8
Dibromochloromethane	1.7 U	NR	1.7 U	NR	1.7 U	NR	1.7 U
Dichlorodifluoromethane	3.6	NR	3.6	NR	3.8	NR	3.8
Ethylbenzene	3.4	NR	3.9	NR	7	NR	8.3
Hexachlorobutadiene	2.1 U	NR	2.1 U	NR	2.1 U	NR	2.1 U
Isopropanol	38	NR	91	NR	33	NR	19
Isopropylbenzene (Cumene)	34	NR	13	NR	0.98 U	NR	1.4
M,P-Xylenes	16	NR	18	NR	29	NR	39
Methyl Ethyl Ketone (2-Butanone)	23	NR	35	NR	34	NR	39
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	3	NR	2.9	NR	6.5	NR	0.59 J
Methyl Methacrylate	2 U	NR	2 U	NR	2 U	NR	2 U
Methylene Chloride	1.7 U	NR	1.7 U	NR	1.7 U	NR	1.7 U
Naphthalene	0.99 J	NR	1.1 J	NR	1.6 J	NR	0.89 J
N-Butylbenzene	0.39 J	NR	0.64 J	NR	1.3	NR	1.6
N-Heptane	5	NR	3	NR	9.4	NR	3.5
N-Hexane	3.4	NR	1.5	NR	5.8	NR	1.1
N-Propylbenzene	0.98 U	NR	1.9	NR	2.6	NR	4.4
O-Xylene (1,2-Dimethylbenzene)	6.7	NR	8.5	NR	12	NR	15
Sec-Butylbenzene	1.1 U	NR	0.52 J	NR	0.57 J	NR	0.65 J
Styrene	0.85 U	NR	0.85 U	NR	0.85 U	NR	1.2
T-Butylbenzene	1.1 U	NR	1.1 U	NR	1.1 U	NR	1.1 U
Tert-Butyl Alcohol	12 J	NR	20	NR	12 J	NR	6.1 J
Tert-Butyl Methyl Ether	0.72 U	NR	0.72 U	NR	0.57 J	NR	0.72 U
Tetrachloroethylene (PCE)	4.3	NR	3.6	NR	5.6	NR	4.6
Tetrahydrofuran	1.7 J	NR	1.3 J	NR	1.3 J	NR	0.81 J
Toluene	9.5	NR	4.7	NR	38	NR	8.8
Trans-1,2-Dichloroethene	0.79 U	NR	0.79 U	NR	0.79 U	NR	0.79 U
Trans-1,3-Dichloropropene	0.91 U	NR	0.91 U	NR	0.91 U	NR	0.91 U
Trichloroethylene (TCE)	0.2 U	NR	0.2 U	NR	0.2 U	NR	0.25
Trichlorofluoromethane	21	NR	5.6	NR	9.7	NR	4.8
Vinyl Bromide	0.87 U	NR	0.87 U	NR	0.87 U	NR	0.87 U
Vinyl Chloride	0.2 U	NR	0.2 U	NR	0.2 U	NR	0.2 U

Table 19
 La Central Phase II
 Bronx, NY
 Remedial Investigation
 Soil Vapor Analytical Results of VOCs

Sample ID	RI-SV-08_20200527	RI-SV-09_20200527	RI-SV-09_20200527	RI-SV-10_20200526	RI-SV-11_20200526	RI-SV-12_20200522	RI-SV-12_20200522
Lab Sample ID	200-53792-1	200-53792-2	200-53792-2	200-53775-4	200-53775-5	200-53747-5	200-53747-5
Date Sampled	5/27/2020	5/27/2020	5/27/2020	5/26/2020	5/26/2020	5/22/2020	5/22/2020
Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Dilution Factor	6.06	1	6.06	5	5	1	6
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NR	1.1 U	NR	5.5 U	5.5 U	1.1 U	NR
1,1,2,2-Tetrachloroethane	NR	1.4 U	NR	6.9 U	6.9 U	1.4 U	NR
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NR	0.48 J	NR	7.7 U	7.7 U	1.5 U	NR
1,1,2-Trichloroethane	NR	1.1 U	NR	5.5 U	5.5 U	1.1 U	NR
1,1-Dichloroethane	NR	0.81 U	NR	4 U	4 U	0.81 U	NR
1,1-Dichloroethene	NR	0.2 U	NR	1 U	1 U	0.2 U	NR
1,2,4-Trichlorobenzene	NR	3.7 U	NR	19 U	19 U	3.7 U	NR
1,2,4-Trimethylbenzene	NR	11	NR	8.4	8.4	14	NR
1,2-Dibromoethane (Ethylene Dibromide)	NR	1.5 U	NR	7.7 U	7.7 U	1.5 U	NR
1,2-Dichlorobenzene	NR	1.2 U	NR	6 U	6 U	1.2 U	NR
1,2-Dichloroethane	NR	0.81 U	NR	4 U	4 U	0.81 U	NR
1,2-Dichloropropane	NR	0.92 U	NR	4.6 U	4.6 U	0.92 U	NR
1,2-Dichlorotetrafluoroethane	NR	1.4 U	NR	7 U	7 U	1.4 U	NR
1,3,5-Trimethylbenzene (Mesitylene)	NR	4.2	NR	2.8 J	2.8 J	3.5	NR
1,3-Butadiene	NR	0.44 U	NR	1.3 J	2.2 U	0.44 U	NR
1,3-Dichlorobenzene	NR	3.2	NR	9.5	9.4	11	NR
1,4-Dichlorobenzene	NR	1.2 U	NR	6 U	6 U	1.2 U	NR
2,2,4-Trimethylpentane	NR	0.93 U	NR	4.7 U	7.2	0.93 U	NR
2-Chlorotoluene	NR	1.7	NR	4.2 J	1.2 J	3.2	NR
2-Hexanone	NR	7.3	NR	4.2 J	2.8 J	8.2	NR
4-Ethyltoluene	NR	2.9	NR	3.2 J	3.1 J	3.6	NR
Acetone	250 D	NR	350 D	360	360	NR	260 D
Allyl Chloride (3-Chloropropene)	NR	1.6 U	NR	7.8 U	7.8 U	1.6 U	NR
Benzene	NR	0.39 J	NR	3.1 J	3.1 J	0.67	NR
Benzyl Chloride	NR	1 U	NR	5.2 U	5.2 U	1 U	NR
Bromodichloromethane	NR	1.3 U	NR	6.7 U	6.7 U	1.3 U	NR
Bromoform	NR	2.1 UJ	NR	10 UJ	10 UJ	2.1 UJ	NR
Bromomethane	NR	0.78 U	NR	3.9 U	3.9 U	0.78 U	NR
Butane	NR	1.8	NR	87	4.1 J	2.3	NR
Carbon Disulfide	NR	1.7	NR	3.1 J	1.3 J	0.67 J	NR
Carbon Tetrachloride	NR	0.28	NR	1.1 U	1.1 U	0.22 U	NR
Chlorobenzene	NR	0.92 U	NR	4.6 U	4.6 U	0.92 U	NR
Chlorodifluoromethane	NR	0.91 J	NR	8.8 U	8.8 U	1.2 J	NR
Chloroethane	NR	1.3 U	NR	6.6 U	6.6 U	1.3 U	NR
Chloroform	NR	0.98 U	NR	16	2.3 J	2.2	NR
Chloromethane	NR	1 U	NR	5.2 U	5.2 U	1 U	NR
Cis-1,2-Dichloroethylene	NR	0.2 U	NR	1 U	1 U	0.2 U	NR
Cis-1,3-Dichloropropene	NR	0.91 U	NR	4.5 U	4.5 U	0.91 U	NR
Cyclohexane	NR	0.69 U	NR	1.2 J	30	0.16 J	NR
Cymene	NR	2.2	NR	1.9 J	5.5 U	2.5	NR
Dibromochloromethane	NR	1.7 U	NR	8.5 U	8.5 U	1.7 U	NR
Dichlorodifluoromethane	NR	3.6	NR	72	12 U	60	NR
Ethylbenzene	NR	6	NR	6.9	6.5	5.2	NR
Hexachlorobutadiene	NR	2.1 U	NR	11 U	11 U	2.1 U	NR
Isopropanol	NR	11 J	NR	61 U	61 U	43	NR
Isopropylbenzene (Cumene)	NR	1.2	NR	4.9 U	1.1 J	1.3	NR
M,P-Xylenes	NR	27	NR	27	27	26	NR
Methyl Ethyl Ketone (2-Butanone)	NR	37	NR	28	24	44	NR
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NR	2 U	NR	10 U	10 U	2.4	NR
Methyl Methacrylate	NR	2 U	NR	10 U	10 U	2 U	NR
Methylene Chloride	NR	1.7 U	NR	8.7 U	8.7 U	1.7 U	NR
Naphthalene	NR	0.96 J	NR	13 U	13 U	1.3 J	NR
N-Butylbenzene	NR	1.3	NR	5.5 U	5.5 U	0.84 J	NR
N-Heptane	NR	2.1	NR	21	13	2.9	NR
N-Hexane	NR	1.2	NR	46	26	1.3	NR
N-Propylbenzene	NR	3	NR	4.9 U	4.9 U	2.9	NR
O-Xylene (1,2-Dimethylbenzene)	NR	10	NR	10	10	11	NR
Sec-Butylbenzene	NR	0.48 J	NR	5.5 U	5.5 U	0.55 J	NR
Styrene	NR	0.51 J	NR	4.3 U	4.3 U	0.85 U	NR
T-Butylbenzene	NR	1.1 U	NR	5.5 U	5.5 U	1.1 U	NR
Tert-Butyl Alcohol	NR	6.4 J	NR	7.2 J	7.1 J	14 J	NR
Tert-Butyl Methyl Ether	NR	0.72 U	NR	3.6 U	3.6 U	0.72 U	NR
Tetrachloroethylene (PCE)	NR	0.8 J	NR	120	9.9	3.4	NR
Tetrahydrofuran	NR	2.3 J	NR	74 U	74 U	1.4 J	NR
Toluene	NR	6.4	NR	9.1	9.8	5.4	NR
Trans-1,2-Dichloroethene	NR	0.79 U	NR	4 U	4 U	0.79 U	NR
Trans-1,3-Dichloropropene	NR	0.91 U	NR	4.5 U	4.5 U	0.91 U	NR
Trichloroethylene (TCE)	NR	0.2 U	NR	1 U	1 U	0.78	NR
Trichlorofluoromethane	NR	1.1	NR	16	1.9 J	46	NR
Vinyl Bromide	NR	0.87 U	NR	4.4 U	4.4 U	0.87 U	NR
Vinyl Chloride	NR	0.2 U	NR	1 U	1 U	0.2 U	NR

Table 19
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 Bronx, NY
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 Soil Vapor Analytical Results of VOCs

Sample ID	RI-SV-13_20200526	RI-SV-14_20200526	RI-SV-15_20200522	RI-SV-15_20200522	RI-SV-16_20200522	RI-SV-16_20200522	RI-SV-17_20200522
Lab Sample ID	200-53775-6	200-53775-6	200-53747-6	200-53747-6	200-53747-7	200-53747-7	200-53747-8
Date Sampled	5/26/2020	5/26/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020	5/22/2020
Unit	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
Dilution Factor	5	5	1	4	6	6	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5.5 U	5.5 U	1.1 U	NR	1.1 U	NR	1.7
1,1,2,2-Tetrachloroethane	6.9 U	6.9 U	1.4 U	NR	1.4 U	NR	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	7.7 U	7.7 U	1.5 U	NR	1.5 U	NR	1.5 U
1,1,2-Trichloroethane	5.5 U	5.5 U	1.1 U	NR	1.1 U	NR	1.1 U
1,1-Dichloroethane	4 U	4 U	0.81 U	NR	0.81 U	NR	0.81 U
1,1-Dichloroethene	1 U	1 U	0.2 U	NR	0.2 U	NR	0.2 U
1,2,4-Trichlorobenzene	19 U	19 U	3.7 U	NR	3.7 U	NR	3.7 U
1,2,4-Trimethylbenzene	8.4	5.4	7.1	NR	7.6	NR	12
1,2-Dibromoethane (Ethylene Dibromide)	7.7 U	7.7 U	1.5 U	NR	1.5 U	NR	1.5 U
1,2-Dichlorobenzene	6 U	6 U	1.2 U	NR	1.2 U	NR	1.2 U
1,2-Dichloroethane	4 U	4 U	0.81 U	NR	0.81 U	NR	0.81 U
1,2-Dichloropropane	4.6 U	4.6 U	0.92 U	NR	0.92 U	NR	0.92 U
1,2-Dichlorotetrafluoroethane	7 U	7 U	1.4 U	NR	1.4 U	NR	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	3.3 J	1.6 J	2.1	NR	2.3	NR	3.6
1,3-Butadiene	2.2 U	2.2 U	0.44 U	NR	0.44 U	NR	0.8
1,3-Dichlorobenzene	10	8.6	10	NR	8.1	NR	11
1,4-Dichlorobenzene	6 U	6 U	1.2 U	NR	1.2 U	NR	1.2 U
2,2,4-Trimethylpentane	4.7 U	4.7 U	0.93 U	NR	0.93 U	NR	0.66 J
2-Chlorotoluene	5.2 U	5.2 U	0.96 U	NR	1.1	NR	1.6
2-Hexanone	10 U	2.7 J	5.1	NR	3.7	NR	36
4-Ethyltoluene	3.5 J	2.1 J	2.4	NR	2.6	NR	3.8
Acetone	330	99	NR	150 D	NR	240 D	NR
Allyl Chloride (3-Chloropropene)	7.8 U	7.8 U	1.6 U	NR	1.6 U	NR	1.6 U
Benzene	3.2 U	3.2 U	0.49 J	NR	0.62 J	NR	5.7
Benzyl Chloride	5.2 U	5.2 U	1 U	NR	1 U	NR	1 U
Bromodichloromethane	6.7 U	1.5 J	1.3 U	NR	1.3 U	NR	1.3 U
Bromoform	10 UJ	10 UJ	2.1 UJ	NR	2.1 UJ	NR	2.1 UJ
Bromomethane	3.9 U	3.9 U	0.78 U	NR	0.78 U	NR	0.78 U
Butane	39	6.8	2.6	NR	1.8	NR	15
Carbon Disulfide	2.7 J	7.8 U	1.6 U	NR	25	NR	5.4
Carbon Tetrachloride	1.1 U	1.1 U	0.27	NR	0.22 U	NR	0.22
Chlorobenzene	4.6 U	4.6 U	0.92 U	NR	0.92 U	NR	0.92 U
Chlorodifluoromethane	8.8 U	8.8 U	1 J	NR	0.92 J	NR	0.61 J
Chloroethane	6.6 U	6.6 U	1.3 U	NR	1.3 U	NR	1.3 U
Chloroform	17	35	10	NR	4.7	NR	2.4
Chloromethane	5.2 U	5.2 U	0.45 J	NR	0.44 J	NR	0.66 J
Cis-1,2-Dichloroethylene	1 U	1 U	0.2 U	NR	0.2 U	NR	0.2 U
Cis-1,3-Dichloropropene	4.5 U	4.5 U	0.91 U	NR	0.91 U	NR	0.91 U
Cyclohexane	0.89 J	3.4 U	0.69 U	NR	0.69 U	NR	1.1
Cymene	3.8 J	5.5 U	1.8	NR	2.8	NR	2.2
Dibromochloromethane	8.5 U	8.5 U	1.7 U	NR	1.7 U	NR	1.7 U
Dichlorodifluoromethane	4.9 J	7.7 J	15	NR	4.1	NR	3
Ethylbenzene	6.5	4.4	2.9	NR	3.2	NR	38
Hexachlorobutadiene	11 U	11 U	2.1 U	NR	2.1 U	NR	2.1 U
Isopropanol	61 U	61 U	27	NR	52	NR	39
Isopropylbenzene (Cumene)	4.9 U	4.9 U	0.85 J	NR	0.97 J	NR	2.5
M,P-Xylenes	30	19	16	NR	15	NR	120
Methyl Ethyl Ketone (2-Butanone)	35	14	29	NR	75	NR	53
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	10 U	10 U	1.6 J	NR	2.3	NR	2.1
Methyl Methacrylate	10 U	10 U	2 U	NR	2 U	NR	2 U
Methylene Chloride	8.7 U	8.7 U	1.7 U	NR	1.7 U	NR	1.7 U
Naphthalene	13 U	13 U	2.6 U	NR	2.6 U	NR	1.1 J
N-Butylbenzene	5.5 U	5.5 U	0.57 J	NR	0.49 J	NR	0.74 J
N-Heptane	55	2.3 J	1.4	NR	1.7	NR	5.6
N-Hexane	27	3.5 U	1.9	NR	0.7 U	NR	3
N-Propylbenzene	4.9 U	4.9 U	1.7	NR	1.8	NR	2.8
O-Xylene (1,2-Dimethylbenzene)	12	7.6	6.4	NR	8.6	NR	33
Sec-Butylbenzene	5.5 U	5.5 U	0.4 J	NR	1.1 U	NR	0.51 J
Styrene	4.3 U	4.3 U	4.2	NR	0.85 U	NR	0.85 U
T-Butylbenzene	5.5 U	5.5 U	1.1 U	NR	1.1 U	NR	1.1 U
Tert-Butyl Alcohol	8.5 J	5.8 J	11 J	NR	18	NR	11 J
Tert-Butyl Methyl Ether	3.6 U	3.6 U	0.72 U	NR	0.72 U	NR	0.72 U
Tetrachloroethylene (PCE)	4.2 J	14	5.2	NR	3	NR	34
Tetrahydrofuran	74 U	74 U	0.6 J	NR	7.3 J	NR	2.4 J
Toluene	6.9	5.3	3.4	NR	2.9	NR	7
Trans-1,2-Dichloroethene	4 U	4 U	0.79 U	NR	0.79 U	NR	0.79 U
Trans-1,3-Dichloropropene	4.5 U	4.5 U	0.91 U	NR	0.91 U	NR	0.91 U
Trichloroethylene (TCE)	1 U	1 U	0.2 U	NR	0.2 U	NR	0.2 U
Trichlorofluoromethane	5.6 U	5.6 U	76	NR	24	NR	25
Vinyl Bromide	4.4 U	4.4 U	0.87 U	NR	0.87 U	NR	0.87 U
Vinyl Chloride	1 U	1 U	0.2 U	NR	0.2 U	NR	0.2 U

Table 19
La Central Phase II
Bronx, NY
Remedial Investigation
Soil Vapor Analytical Results of VOCs

Sample ID	RI-SV-17_20200522	RI-SV-18_20200527	RI-SV-19_20200527
Lab Sample ID	200-53747-8	200-53792-3	200-53792-4
Date Sampled	5/22/2020	5/27/2020	5/27/2020
Unit	µg/m ³	µg/m ³	µg/m ³
Dilution Factor	7.14	1	4
Compound	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	NR	1.1 U	4.4 U
1,1,2,2-Tetrachloroethane	NR	1.4 U	5.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NR	0.37 J	6.1 U
1,1,2-Trichloroethane	NR	1.1 U	4.4 U
1,1-Dichloroethane	NR	0.81 U	3.2 U
1,1-Dichloroethene	NR	0.2 U	0.8 U
1,2,4-Trichlorobenzene	NR	3.7 U	15 U
1,2,4-Trimethylbenzene	NR	10	7.8
1,2-Dibromoethane (Ethylene Dibromide)	NR	1.5 U	6.1 U
1,2-Dichlorobenzene	NR	1.2 U	4.8 U
1,2-Dichloroethane	NR	0.81 U	3.2 U
1,2-Dichloropropane	NR	0.92 U	3.7 U
1,2-Dichlorotetrafluoroethane	NR	1.4 U	5.6 U
1,3,5-Trimethylbenzene (Mesitylene)	NR	2.6	2.3 J
1,3-Butadiene	NR	0.44 U	1.8 U
1,3-Dichlorobenzene	NR	2.1	4.8 U
1,4-Dichlorobenzene	NR	1.2 U	4.8 U
2,2,4-Trimethylpentane	NR	0.93 U	3.7 U
2-Chlorofluorene	NR	1 U	4.1 U
2-Hexanone	NR	2.8	6.8 J
4-Ethyltoluene	NR	3.5	2.9 J
Acetone	410 D	74	190
Allyl Chloride (3-Chloropropene)	NR	1.6 U	6.3 U
Benzene	NR	0.25 J	15
Benzyl Chloride	NR	1 U	4.1 U
Bromodichloromethane	NR	1.3 U	5.4 U
Bromoform	NR	2.1 UJ	8.3 U
Bromomethane	NR	0.78 U	3.1 U
Butane	NR	0.93 J	3.1 J
Carbon Disulfide	NR	1.5 J	6.4
Carbon Tetrachloride	NR	0.32	0.88 U
Chlorobenzene	NR	0.92 U	3.7 U
Chlorodifluoromethane	NR	1.1 J	7.1 U
Chloroethane	NR	1.3 U	5.3 U
Chloroform	NR	0.65 J	3.9 U
Chloromethane	NR	1 U	4.1 U
Cis-1,2-Dichloroethylene	NR	0.2 U	0.8 U
Cis-1,3-Dichloropropene	NR	0.91 U	3.6 U
Cyclohexane	NR	0.69 U	2.8 U
Cymene	NR	1.5	4.1 J
Dibromochloromethane	NR	1.7 U	6.8 U
Dichlorodifluoromethane	NR	1.6 J	3.2 J
Ethylbenzene	NR	4.3	6.3
Hexachlorobutadiene	NR	2.1 U	8.5 U
Isopropanol	NR	10 J	18 J
Isopropylbenzene (Cumene)	NR	0.78 J	3.9 U
M,P-Xylenes	NR	22	22
Methyl Ethyl Ketone (2-Butanone)	NR	13	35
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NR	2 U	8.2 U
Methyl Methacrylate	NR	2 U	8.2 U
Methylene Chloride	NR	1.7 U	6.9 U
Naphthalene	NR	2.6 U	10 U
N-Butylbenzene	NR	0.94 J	0.86 J
N-Heptane	NR	1.4	2.6 J
N-Hexane	NR	0.7 U	2.8 U
N-Propylbenzene	NR	0.98 U	2.3 J
O-Xylene (1,2-Dimethylbenzene)	NR	8.3	7.9
Sec-Butylbenzene	NR	0.38 J	4.4 U
Styrene	NR	0.43 J	3.4 U
T-Butylbenzene	NR	1.1 U	4.4 U
Tert-Butyl Alcohol	NR	2.5 J	5.7 J
Tert-Butyl Methyl Ether	NR	0.72 U	2.9 U
Tetrachloroethylene (PCE)	NR	1.2 J	1.9 J
Tetrahydrofuran	NR	15 U	4.1 J
Toluene	NR	4.2	8.7
Trans-1,2-Dichloroethene	NR	0.79 U	3.2 U
Trans-1,3-Dichloropropene	NR	0.91 U	3.6 U
Trichloroethylene (TCE)	NR	0.2 U	0.8 U
Trichlorofluoromethane	NR	1.1	4.5 U
Vinyl Bromide	NR	0.87 U	3.5 U
Vinyl Chloride	NR	0.2 U	0.8 U

Tables 1-19
La Central Phase II
Bronx, NY
Remedial Investigation
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.
- K** : Reported concentration value is proportional to dilution factor and may be exaggerated.
- L** : Sample result is estimated and biased low.
- N** : Indicates presumptive evidence of a compound. This flag is usually used for a tentatively identified compound, where the identification is based on a mass spectral library search.
- ND** : The standard is a non-detectable concentration by the approved analytical method.
- NR** : Not reported.
- NS** : No standard.
- R** : Indicates the reported result is unusable. (note: the analyte may or may not be present.)
- U** : The analyte was not detected at the indicated concentration.
- mg/kg** : milligrams per kilogram
- µg/kg** : micrograms per kilogram = parts per billion (ppb)
- µg/L** : micrograms per Liter
- ng/L** : nanograms 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 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).

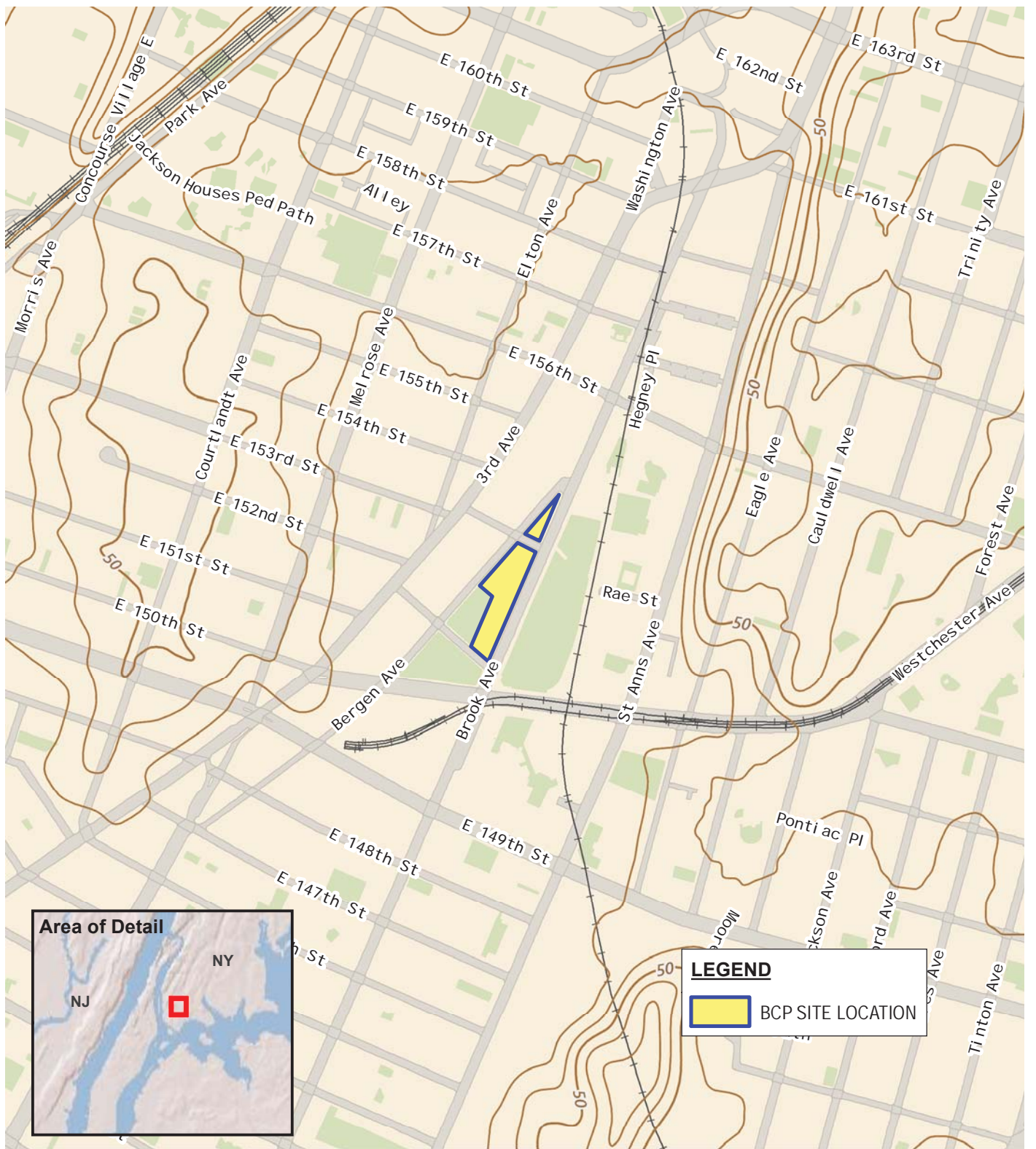
Exceedances of NYSDEC Class GA AWQSGVs are highlighted in bold font.

- USEPA DWHAL** : United States Environmental Protection Agency (USEPA) Drinking Water Health Advisory Detection Limits (DWHALs) for PFOA and PFOS.

Exceedances of the USEPA DWHAL are highlighted in bold font.

FIGURES

© 2020 AKRF. W:\Projects\200166 - LA CENTRAL PHASE 2\Technical\GIS and Graphics\ISAR\BCP RIR - R1\200166 Fig. 1 BCP Site Location.mxd(18/2020 12:24:32 PM) jszalus



Service Layer Credits: USGS The National Map: 3d Elevation Program 2020



440 Park Avenue South, New York, NY 10016

La Central Phase II
Bronx, New York

BCP SITE LOCATION

DATE
6/18/2020

PROJECT NO.
200166

FIGURE
1

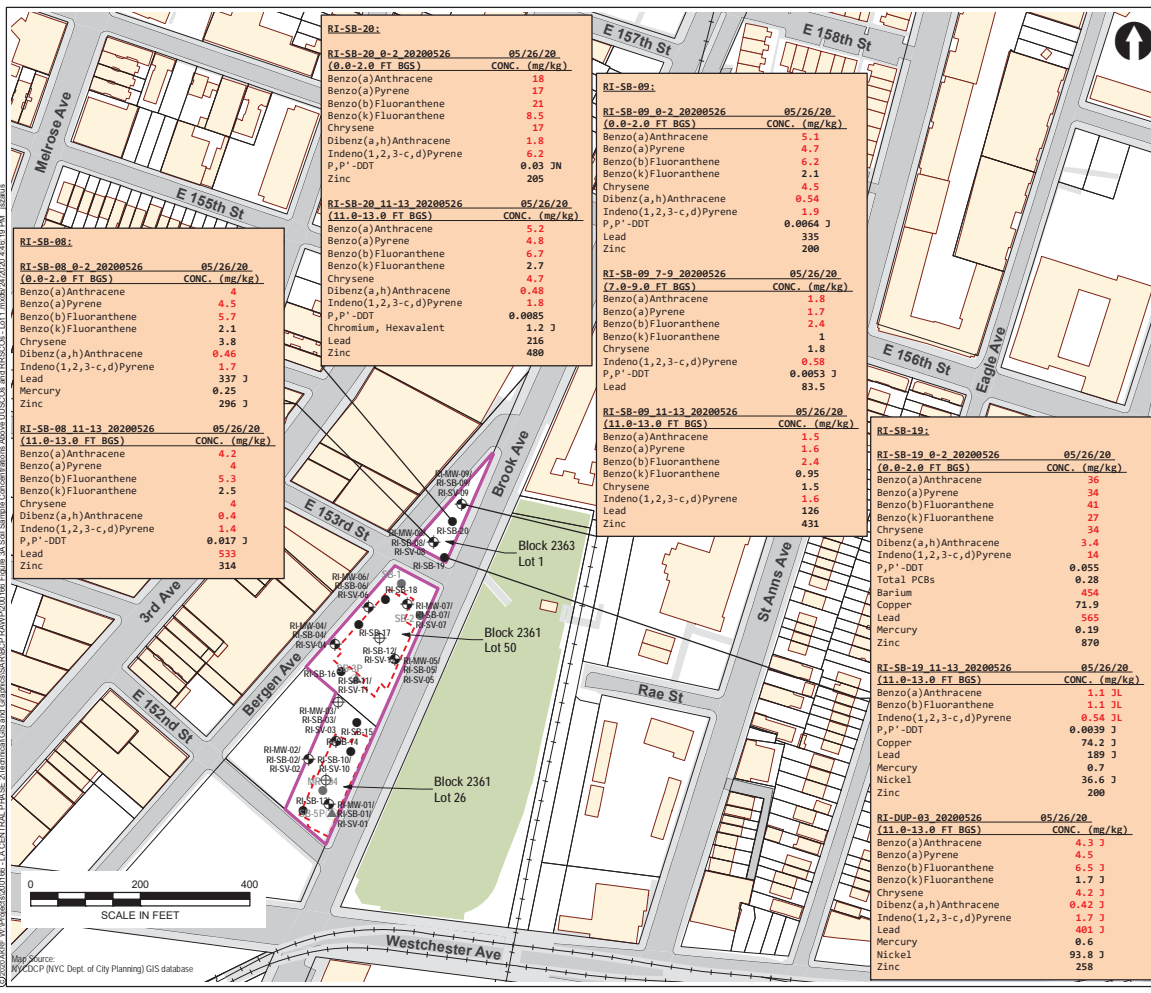
Map Source: NYCDOP (NYC Dept. of City Planning) GIS database



LEGEND

- PROJECT SITE BOUNDARY
- LOT BOUNDARY AND TAX LOT NUMBER
- 2361** BLOCK NUMBER
- EXISTING BUILDING
- PROPOSED BUILDING
- HISTORIC SOIL BORING LOCATIONS (ROUX 2006-2007)
- HISTORIC SOIL BORING/MONITORING WELL (ROUX 2006-2007)
- SOIL BORING
- SOIL BORING/MONITORING WELL/SOIL VAPOR POINT
- SOIL BORING/SOIL VAPOR POINT
- SOIL VAPOR POINT





PART 375 RESTRICTED RESIDENTIAL	PART 372 UNRESTRICTED	
	mg/kg	mg/kg
Volatile Organic Compounds		
Acetone	100	0.05
Naphthalene	100	12
Semi-volatile Organic Compounds		
Acenaphthene	100	20
Benzo(a)Anthracene	1	1
Benzo(b)Fluoranthene	1	1
Benzo(k)Fluoranthene	2.5	0.8
Chrysene	3.9	1
Dibenz(a,h)Anthracene	0.33	0.33
Dibenzofuran	99	7
Fluoranthene	100	100
Fluorene	100	30
Indeno(1,2,3-c,d)Pyrene	0.5	0.5
Phenanthrene	100	100
Pyrene	100	0.33
Metals		
Barium	400	350
Chromium, Hexavalent	110	1
Copper	270	50
Lead	400	63
Mercury	0.81	0.18
Nickel	310	30
Zinc	10000	109
PCBs		
Total PCBs	1	0.1
Pesticides		
Dieldrin	0.2	0.005
P,P'-DDE	13	0.0033
P,P'-DDE	8.9	0.0033
P,P'-DDT	7.9	0.0033

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 (UJUSCOs) are presented in bold font.

Exceedances of NYSDEC Restricted Residential Soil Cleanup Objectives (RRSCOs) are presented in red.

mg/kg: milligrams per kilogram = parts per million (ppm)
 J: The reported value is estimated
 N: Spike recovery exceeds upper or lower control limits
 L: Sample result is estimated and biased low

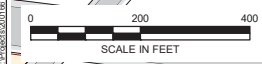
RI-DUP-03_20200526 is a blind duplicate of sample RI-SB-19_11-13_20200526

Sample ID	05/26/20	05/21/20
	CONC. (mg/kg)	
RI-SB-18-11-13-20200521		
Benzo(a)Anthracene	19	
Benzo(a)Pyrene	28	
Benzo(b)Fluoranthene	24	
Benzo(k)Fluoranthene	11	
Chrysene	17	
Dibenz(a,h)Anthracene	1.6	
Indeno(1,2,3-c,d)Pyrene	15	

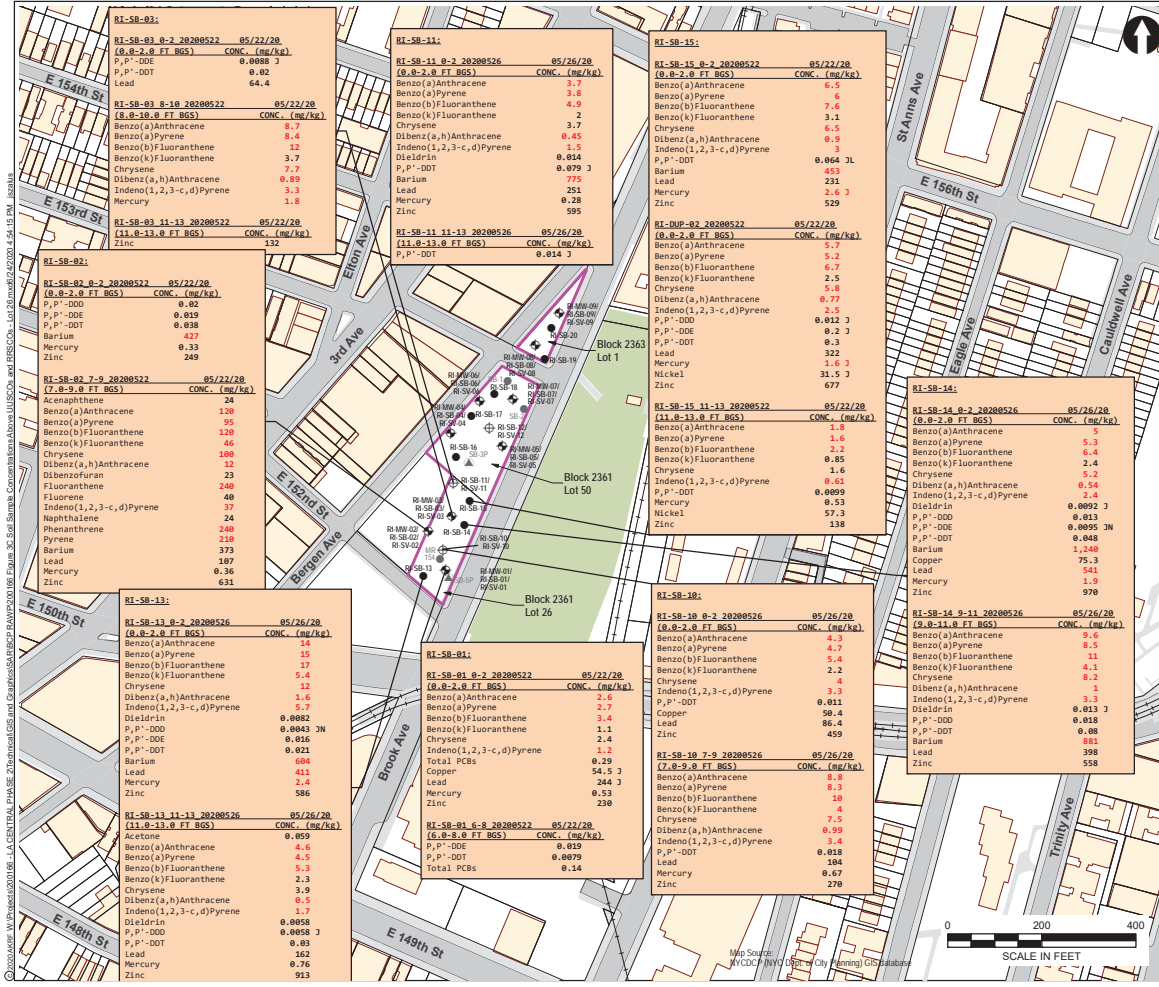
Analyte/Compound Concentration

LEGEND

- PROJECT SITE BOUNDARY
- LOT BOUNDARY AND TAX LOT NUMBER
- PROPOSED BUILDING
- EXISTING BUILDING
- HISTORIC SOIL BORING LOCATIONS (ROUX 2006-2007)
- HISTORIC SOIL BORING/MONITORING WELL (ROUX 2006-2007)
- SOIL BORING
- SOIL BORING/MONITORING WELL/SOIL VAPOR POINT
- SOIL BORING/SOIL VAPOR POINT



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



Volatile Organic Compounds	PART 375 RESTRICTED RESIDENTIAL	PART 375 UNRESTRICTED
	mg/kg	mg/kg
Acetone	100	0.05
Naphthalene	100	12
Semi-volatile Organic Compounds		
Benzo(a)Anthracene	100	20
Benzo(a)Pyrene	1	1
Benzo(b)Fluoranthene	1	1
Benzo(k)Fluoranthene	1	1
Chrysene	3.9	0.8
Dibenz(a,h)Anthracene	0.33	0.33
Fluorene	59	7
Indeno(1,2,3-c,d)Pyrene	100	100
Phenanthrene	100	30
Pyrene	100	100
Metals		
Barium	400	350
Chromium, Hexavalent	110	1
Copper	270	50
Lead	400	63
Mercury	0.81	0.18
Nickel	310	20
Zinc	10000	109
PCBs		
Total PCBs	1	0.1
Pesticides		
Dieldrin	0.2	0.005
P,P'-DDD	13	0.0033
P,P'-DDE	8.9	0.0033
P,P'-DDE	7.8	0.0033

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

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

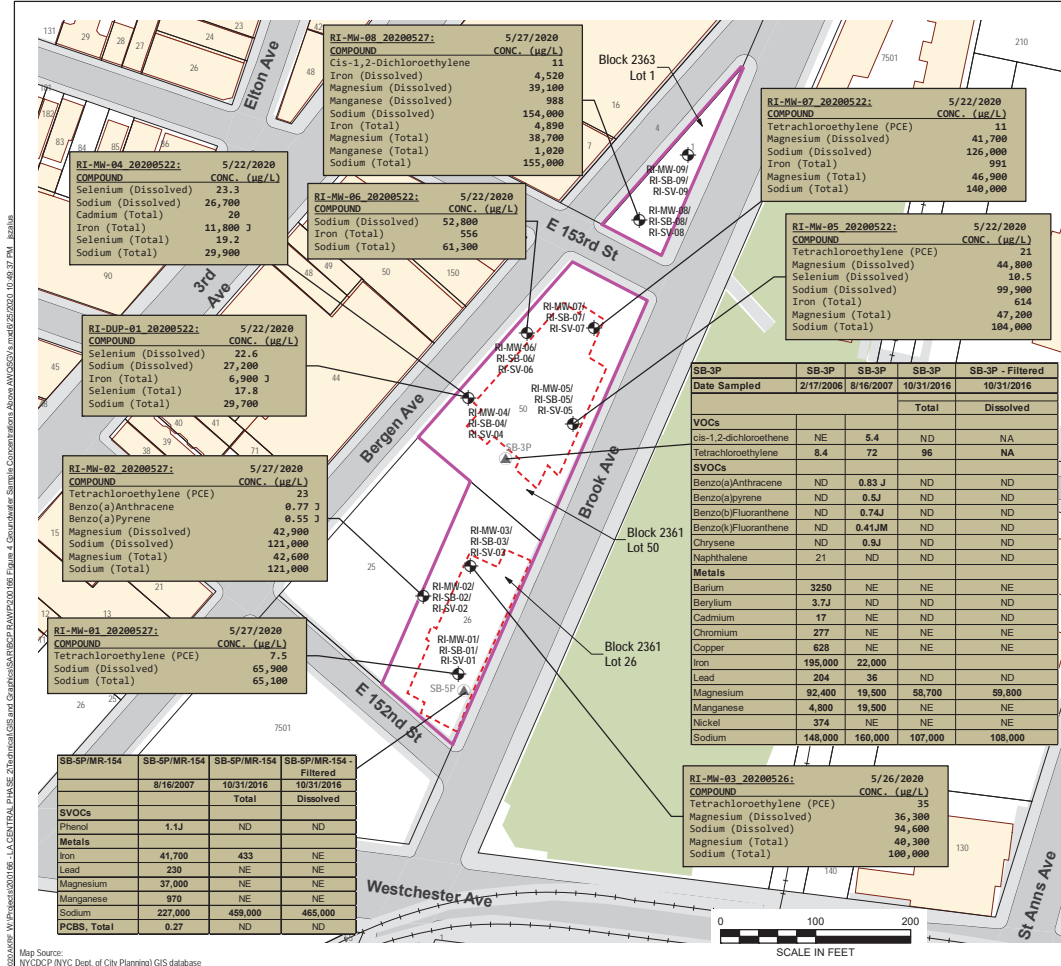
mg/kg/milligrams per kilogram = parts per million (ppm)
 J: The reported value is estimated
 N: Spike recovery exceeds upper or lower control limits
 L: Sample result is estimated and biased low.

RI-SB-15_0-2_20200522 is a blind duplicate of sample RI-SB-15_0-2_20200522

Sample ID	Sample Date	CONC. (mg/kg)
RI-SB-15_11-13_20200522	05/22/20	
Benzo(a)Anthracene		1.8
Benzo(a)Pyrene		1.6
Benzo(b)Fluoranthene		2.2
Benzo(k)Fluoranthene		0.85
Chrysene		1.6
Dibenz(a,h)Anthracene		0.51
Indeno(1,2,3-c,d)Pyrene		0.0999
P,P'-DDT		0.0999

LEGEND

- PROJECT SITE BOUNDARY
- LOT BOUNDARY
- EXISTING BUILDING BUILDING
- HISTORIC SOIL BORING LOCATIONS (ROUX 2006-2007)
- HISTORIC SOIL BORING/MONITORING WELL (ROUX 2006-2007)
- SOIL BORING
- SOIL BORING/MONITORING WELL/SOIL VAPOR POINT
- SOIL BORING/SOIL VAPOR POINT



NYSDEC AWQSGVs (µg/l)

Compound	AWQSGV (µg/l)
Volatile Organic Compounds	
Cis-1,2-Dichloroethylene	5
Tetrachloroethylene (PCE)	5
Semi-volatile Organic Compounds	
Benzo(a)Anthracene	0.002
Benzo(a)Pyrene	0
Benzo(b)Fluoranthene	0.002
Benzo(k)Fluoranthene	0.002
Chrysene	0.002
Naphthalene	10
Phenol	1
Metals	
Barium	1000
Beryllium	3
Cadmium	5
Chromium	50
Copper	200
Iron	300
Lead	25
Magnesium	35000
Manganese	300
Selenium	10
Nickel	100
Sodium	20000

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

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

Only Exceedances of NYSDEC AWQSGVs are shown in bold font.

J: The reported value is estimated
 ND: Not Detected
 NE: No Exceedance above AWQSGV
 NA: Not Analyzed for by laboratory

RI-DUP-01_20200522 is a blind duplicate of sample RI-MW-04_20200522

Sample ID	Sample Date	Compound	Concentration (µg/L)
RI-MW-03_20200526	5/26/2020	Tetrachloroethylene (PCE)	35
		Magnesium (Dissolved)	36,300
		Sodium (Dissolved)	94,600
		Magnesium (Total)	48,300
		Sodium (Total)	100,000

LEGEND

- PROJECT SITE BOUNDARY
- LOT BOUNDARY AND TAX LOT NUMBER
- PROPOSED BUILDING
- EXISTING BUILDING
- HISTORIC SOIL BORING/MONITORING WELL (ROUX 2006-2007)
- SOIL BORING/MONITORING WELL/SOIL VAPOR POINT

SB-3P	SB-3P	SB-3P	SB-3P	SB-3P - Filtered
Date Sampled	2/17/2006	8/16/2007	10/31/2016	10/31/2016
	Total		Total	Dissolved
VOCs				
cis-1,2-dichloroethene	NE	5.4	ND	NA
Tetrachloroethylene	8.4	72	96	NA
SVOCs				
Benzo(a)Anthracene	ND	0.83 J	ND	ND
Benzo(a)pyrene	ND	0.5J	ND	ND
Benzo(b)Fluoranthene	ND	0.74J	ND	ND
Benzo(k)Fluoranthene	ND	0.41M	ND	ND
Chrysene	ND	0.9J	ND	ND
Naphthalene	21	ND	ND	ND
Metals				
Barium	3250	NE	NE	NE
Beryllium	3.7J	ND	ND	ND
Cadmium	17	NE	ND	ND
Chromium	277	NE	NE	NE
Copper	628	NE	NE	NE
Iron	195,000	22,000	NE	NE
Lead	204	36	ND	ND
Magnesium	92,400	19,500	58,700	59,800
Manganese	4,800	19,500	NE	NE
Nickel	374	NE	NE	NE
Sodium	148,000	160,000	107,000	108,000

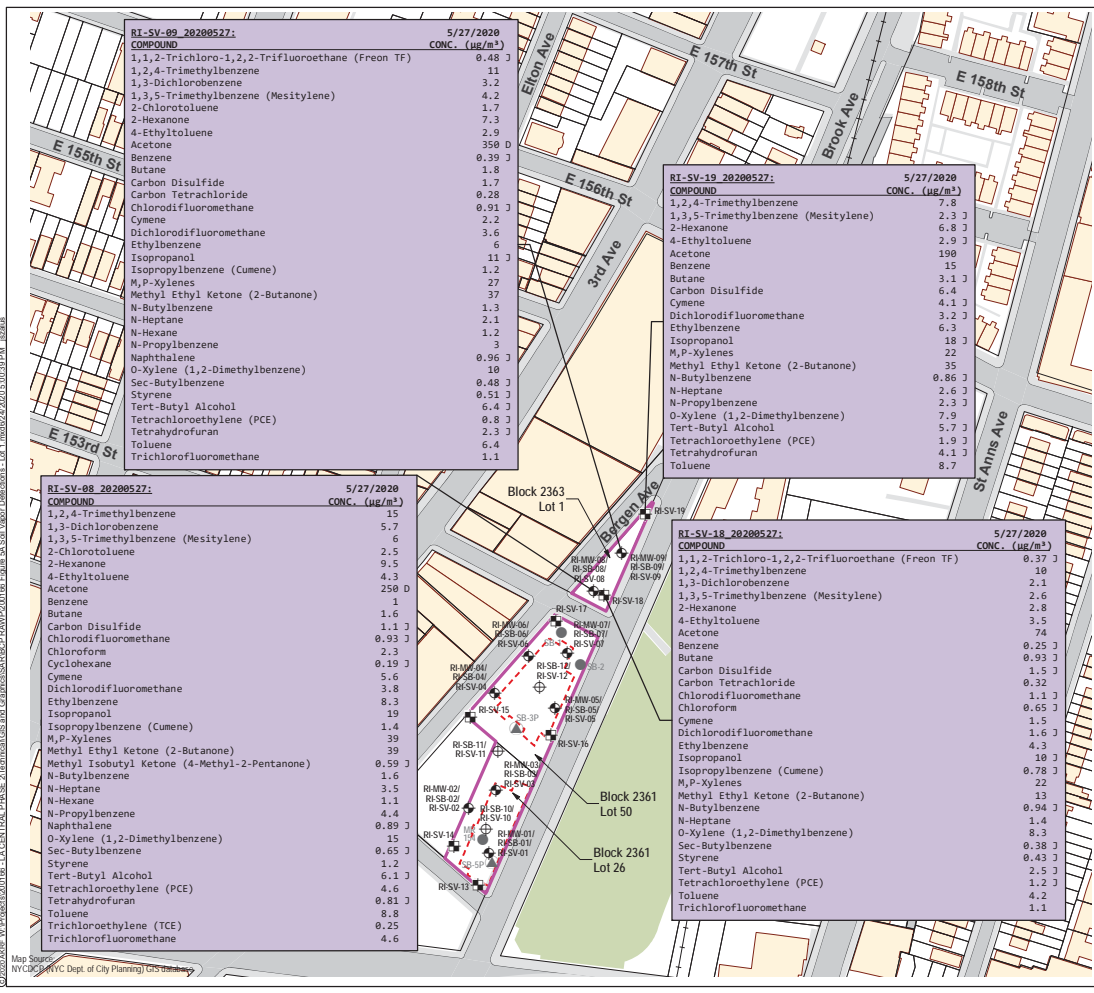
SB-3P/MR-154	SB-3P/MR-154	SB-3P/MR-154	SB-3P/MR-154
8/16/2007	10/31/2016	10/31/2016	10/31/2016
	Total	Dissolved	
SVOCs			
Phenol	1.1J	ND	ND
Metals			
Iron	41,700	433	NE
Lead	230	NE	NE
Magnesium	37,000	NE	NE
Manganese	970	NE	NE
Sodium	227,000	459,000	465,000
PCBS, Total	0.27	ND	ND

RI-MW-03_20200526	5/26/2020
COMPOUND	CONC. (µg/L)
Tetrachloroethylene (PCE)	35
Magnesium (Dissolved)	36,300
Sodium (Dissolved)	94,600
Magnesium (Total)	48,300
Sodium (Total)	100,000



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





SOIL VAPOR

µg/m³ - micrograms per cubic meter

J: 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.
D: Analyte concentration obtained from dilution.

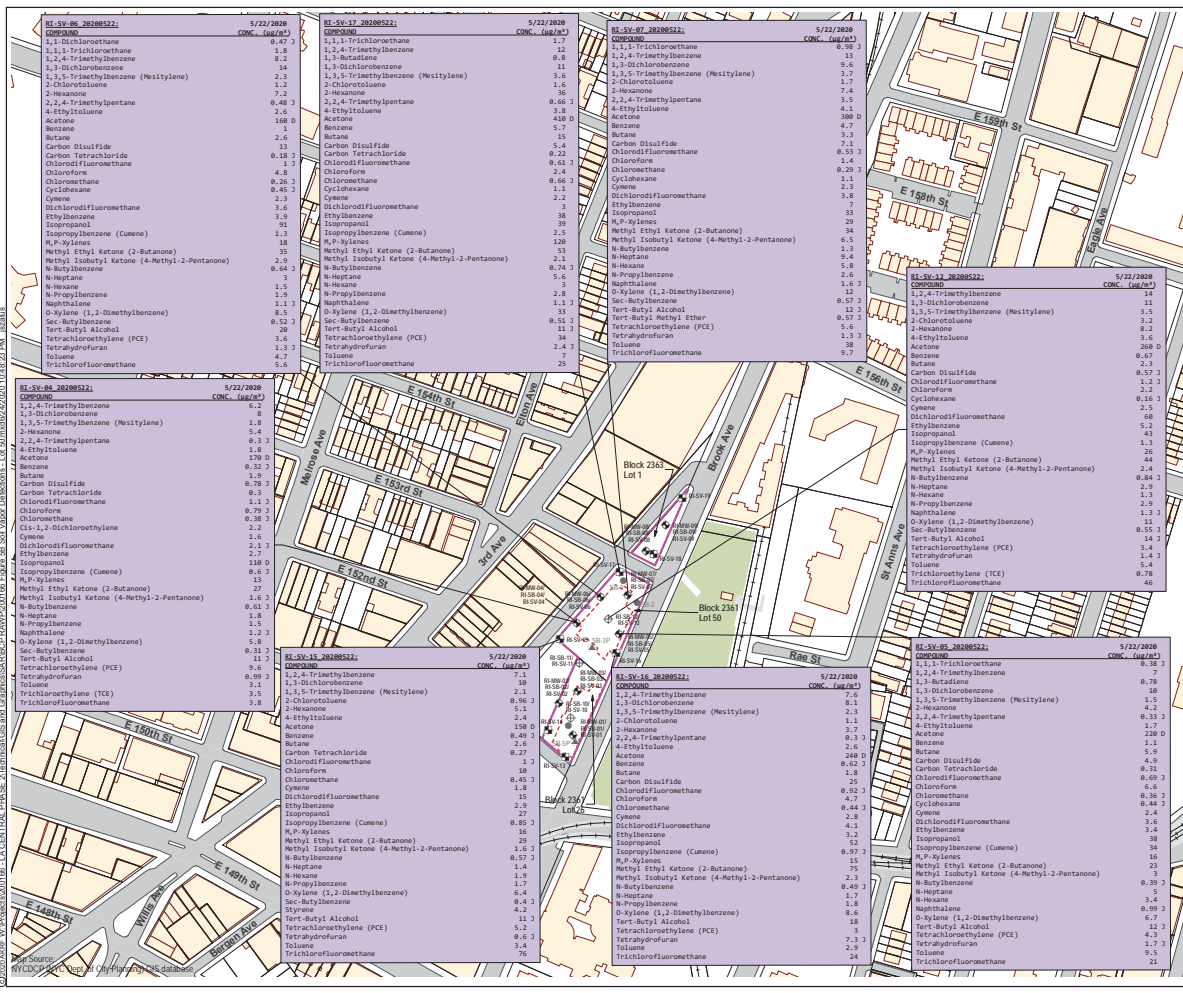
Sample ID	Sample Date
RI-SV-19_20200527	5/27/2020
COMPOUND	CONC. (µg/m ³)
1,2,4-Trimethylbenzene	7.8
1,3,5-Trimethylbenzene (Mesitylene)	2.3 J
2-Hexanone	6.8 J
4-Ethyltoluene	2.9 J
Acetone	198
Benzene	15
Butane	3.1 J
Carbon Disulfide	6.4
Cymene	4.1 J
Dichlorodifluoromethane	3.2 J
Ethylbenzene	6.3
Isopropanol	18 J
M,P-Xylenes	22
Methyl Ethyl Ketone (2-Butanone)	35
N-Butylbenzene	0.86 J
N-Heptane	2.6 J
N-Propylbenzene	2.3 J
O-Xylene (1,2-Dimethylbenzene)	7.9
Tert-Butyl Alcohol	5.7 J
Tetrachloroethylene (PCE)	1.9 J
Tetrahydrofuran	4.1 J
Toluene	8.7

LEGEND

- PROJECT SITE BOUNDARY
- LOT BOUNDARY
- EXISTING BUILDING
- PROPOSED BUILDING
- HISTORIC SOIL BORING LOCATIONS (ROUX 2006-2007)
- ▲ HISTORIC SOIL BORING/MONITORING WELL (ROUX 2006-2007)
- ⊕ SOIL BORING/MONITORING WELL/SOIL VAPOR POINT
- ⊗ SOIL BORING/SOIL VAPOR POINT
- ⊞ SOIL VAPOR POINT



Map Source: NYCDC (NYC Dept. of City Planning) GIS Database



SOIL VAPOR
µg/m³ - micrograms per cubic meter

J: 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.
D: Analyte concentration obtained from dilution.

Sample ID	Sample Date	ANALYTE/COMPOUND	CONCENTRATION
SI-SV-19-20200522	5/27/2020	1,2,4-Trimethylbenzene	7.8
SI-SV-19-20200522	5/27/2020	1,3,5-Trimethylbenzene (Mesitylene)	2.3
SI-SV-19-20200522	5/27/2020	2-Hexanone	6.8
SI-SV-19-20200522	5/27/2020	4-Ethyltoluene	2.5
SI-SV-19-20200522	5/27/2020	Acetone	198
SI-SV-19-20200522	5/27/2020	Benzene	15
SI-SV-19-20200522	5/27/2020	Carbon Disulfide	41.3
SI-SV-19-20200522	5/27/2020	Dichlorodifluoromethane	31.3
SI-SV-19-20200522	5/27/2020	Ethylbenzene	6.3
SI-SV-19-20200522	5/27/2020	Isopropylalcohol	18
SI-SV-19-20200522	5/27/2020	M,P-Xylenes	22
SI-SV-19-20200522	5/27/2020	Methyl Ethyl ketone (2-Butanone)	35
SI-SV-19-20200522	5/27/2020	N-Propylbenzene	8.6
SI-SV-19-20200522	5/27/2020	N-Heptane	2.6
SI-SV-19-20200522	5/27/2020	O-Xylene (1,2-Dimethylbenzene)	2.3
SI-SV-19-20200522	5/27/2020	Tert-Butyl Alcohol	7.9
SI-SV-19-20200522	5/27/2020	Tetrachloroethylene (PCE)	1.9
SI-SV-19-20200522	5/27/2020	Tetrahydrofuran	41.3
SI-SV-19-20200522	5/27/2020	Toluene	8.7

- LEGEND**
- PROJECT SITE BOUNDARY
 - LOT BOUNDARY
 - PROPOSED BUILDING
 - EXISTING BUILDING
 - HISTORIC SOIL BORING LOCATIONS (ROUX 2006-2007)
 - HISTORIC SOIL BORING/MONITORING WELL (ROUX 2006-2007)
 - SOIL BORING/MONITORING WELL/SOIL VAPOR POINT
 - SOIL BORING/SOIL VAPOR POINT
 - SOIL VAPOR POINT



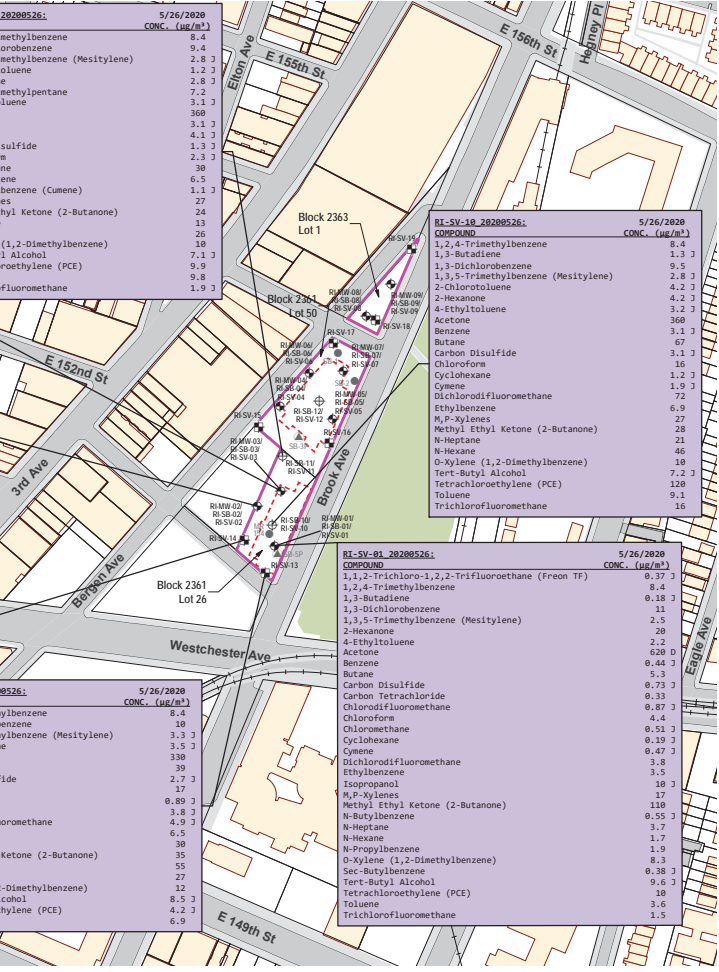
RI-SV-03 20200526:	5/26/2020
COMPOUND	CONC. (ug/m ³)
1,2,4-Trimethylbenzene	6.4
1,3-Dichlorobenzene	8.1
1,3,5-Trimethylbenzene (Mesitylene)	2.1 J
2-Chlorotoluene	1.3 J
2-Hexanone	18
4-Ethyltoluene	2.1 J
Acetone	338
Butane	5.8 J
Chloroform	1.8 J
Dichlorodifluoromethane	4.6 J
Ethylbenzene	8.3 J
Isopropanol	7.6 J
M,P-Xylenes	9.4 J
Methyl Ethyl Ketone (2-Butanone)	54
N-Butylbenzene	1.4 J
N-Heptane	1.7 J
O-Xylene (1,2-Dimethylbenzene)	4.8
Styrene	19
Tert-Butyl Alcohol	7 J
Tetrachloroethylene (PCE)	25
Trichlorofluoromethane	3.4 J

RI-SV-11 20200526:	5/26/2020
COMPOUND	CONC. (ug/m ³)
1,2,4-Trimethylbenzene	8.4
1,3-Dichlorobenzene	9.4
1,3,5-Trimethylbenzene (Mesitylene)	2.8 J
2-Chlorotoluene	1.2 J
2-Hexanone	2.8 J
2,2,4-Trimethylpentane	7.2
4-Ethyltoluene	3.1 J
Acetone	368
Benzene	3.1 J
Butane	4.1 J
Carbon Disulfide	1.3 J
Chloroform	2.3 J
Cyclohexane	38
Ethylbenzene	6.5
Isopropylbenzene (Cumene)	1.1 J
M,P-Xylenes	27
Methyl Ethyl Ketone (2-Butanone)	24
N-Heptane	13
N-Hexane	26
O-Xylene (1,2-Dimethylbenzene)	19
Tert-Butyl Alcohol	7.1 J
Tetrachloroethylene (PCE)	9.9
Toluene	9.8
Trichlorofluoromethane	1.9 J

RI-SV-02 20200526:	5/26/2020
COMPOUND	CONC. (ug/m ³)
1,2,4-Trimethylbenzene	4.3 J
1,3-Dichlorobenzene	9.2
2-Hexanone	19
Acetone	589 D
Benzene	1.1 J
Butane	11
Carbon Disulfide	3.5 J
Dichlorodifluoromethane	6.9 J
Ethylbenzene	2.3 J
Isopropanol	9.1 J
Methyl Ethyl Ketone (2-Butanone)	118
N-Heptane	5
N-Hexane	4
Tert-Butyl Alcohol	18 J
Tetrachloroethylene (PCE)	29
Toluene	3.8

RI-SV-14 20200526:	5/26/2020
COMPOUND	CONC. (ug/m ³)
1,2,4-Trimethylbenzene	5.4
1,3-Dichlorobenzene	8.6
1,3,5-Trimethylbenzene (Mesitylene)	1.6 J
2-Hexanone	2.7 J
4-Ethyltoluene	2.1 J
Acetone	99
Bromochloromethane	1.5 J
Butane	6.8
Chloroform	35
Dichlorodifluoromethane	7.7 J
Ethylbenzene	4.4
M,P-Xylenes	19
Methyl Ethyl Ketone (2-Butanone)	14
N-Heptane	2.3 J
O-Xylene (1,2-Dimethylbenzene)	7.6
Tert-Butyl Alcohol	5.8 J
Tetrachloroethylene (PCE)	14
Toluene	5.3

RI-SV-13 20200526:	5/26/2020
COMPOUND	CONC. (ug/m ³)
1,2,4-Trimethylbenzene	8.4
1,3-Dichlorobenzene	18
1,3,5-Trimethylbenzene (Mesitylene)	3.3 J
4-Ethyltoluene	3.5 J
Acetone	338
Butane	39
Carbon Disulfide	2.7 J
Chloroform	17
Cyclohexane	0.89 J
Cymene	3.8 J
Dichlorodifluoromethane	4.9 J
Ethylbenzene	6.5 J
M,P-Xylenes	35
Methyl Ethyl Ketone (2-Butanone)	35
N-Heptane	11
N-Hexane	27
O-Xylene (1,2-Dimethylbenzene)	12
Tert-Butyl Alcohol	8.5 J
Tetrachloroethylene (PCE)	4.2 J
Toluene	6.9



RI-SV-10 20200526:	5/26/2020
COMPOUND	CONC. (ug/m ³)
1,2,4-Trimethylbenzene	8.4
1,3-Butadiene	1.3 J
1,3-Dichlorobenzene	9.5
1,3,5-Trimethylbenzene (Mesitylene)	2.8 J
2-Chlorotoluene	4.2 J
2-Hexanone	4.2 J
4-Ethyltoluene	3.2 J
Acetone	368
Benzene	3.1 J
Butane	67
Carbon Disulfide	3.1 J
Chloroform	16
Cyclohexane	1.2 J
Cymene	1.9 J
Dichlorodifluoromethane	6.9
Ethylbenzene	27
Methyl Ethyl Ketone (2-Butanone)	28
N-Heptane	21
N-Hexane	46
O-Xylene (1,2-Dimethylbenzene)	10
Tert-Butyl Alcohol	7.2 J
Tetrachloroethylene (PCE)	129
Toluene	9.1
Trichlorofluoromethane	16

RI-SV-01 20200526:	5/26/2020
COMPOUND	CONC. (ug/m ³)
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	8.37 J
1,2,4-Trimethylbenzene	8.4
1,3-Butadiene	0.18 J
1,3-Dichlorobenzene	11
1,3,5-Trimethylbenzene (Mesitylene)	2.5
2-Hexanone	28
4-Ethyltoluene	2.2
Acetone	628 D
Benzene	0.44 J
Butane	5.3
Carbon Disulfide	0.73 J
Carbon Tetrachloride	8.33
Chlorodifluoromethane	0.87 J
Chloroform	4.4
Chloromethane	0.51 J
Cyclohexane	0.19 J
Dichlorodifluoromethane	0.47 J
Ethylbenzene	3.8
Isopropanol	3.5
M,P-Xylenes	17
Methyl Ethyl Ketone (2-Butanone)	118
N-Butylbenzene	0.55 J
N-Heptane	3.7
N-Hexane	1.7
N-Propylbenzene	1.9
O-Xylene (1,2-Dimethylbenzene)	8.3
Sec-Butylbenzene	0.38 J
Tert-Butyl Alcohol	9.6 J
Tetrachloroethylene (PCE)	10
Toluene	3.6
Trichlorofluoromethane	1.5

SOIL VAPOR
 ug/m³ - micrograms per cubic meter
 J. 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.
 D. Analyte concentration obtained from dilution.

RI-SV-19 20200527:	5/27/2020
COMPOUND	CONC. (ug/m ³)
1,2,4-Trimethylbenzene	7.8
1,3,5-Trimethylbenzene (Mesitylene)	2.3 J
2-Hexanone	6.8 J
4-Ethyltoluene	2.9 J
Acetone	190
Benzene	15
Butane	3.1 J
Carbon Disulfide	6.4
Cymene	4.1 J
Dichlorodifluoromethane	3.2 J
Ethylbenzene	6.3
Isopropanol	18 J
M,P-Xylenes	22
Methyl Ethyl Ketone (2-Butanone)	35
N-Butylbenzene	0.86 J
N-Heptane	2.6 J
N-Propylbenzene	2.3 J
O-Xylene (1,2-Dimethylbenzene)	7.9
Tert-Butyl Alcohol	5.7 J
Tetrachloroethylene (PCE)	1.9 J
Tetrahydrofuran	4.1 J
Toluene	8.7

LEGEND

- PROJECT SITE BOUNDARY
- LOT BOUNDARY
- PROPOSED BUILDING
- EXISTING BUILDING
- HISTORIC SOIL BORING LOCATIONS (ROUX 2006-2007)
- HISTORIC SOIL BORING/MONITORING WELL (ROUX 2006-2007)
- SOIL BORING/MONITORING WELLS/SOIL VAPOR POINT
- SOIL BORING/SOIL VAPOR POINT
- SOIL VAPOR POINT

0 150 300
SCALE IN FEET



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



440 Park Avenue South, New York, NY 10016

La Central Phase II
 BRONX, New York
PROPOSED REMEDIAL EXCAVATION PLAN

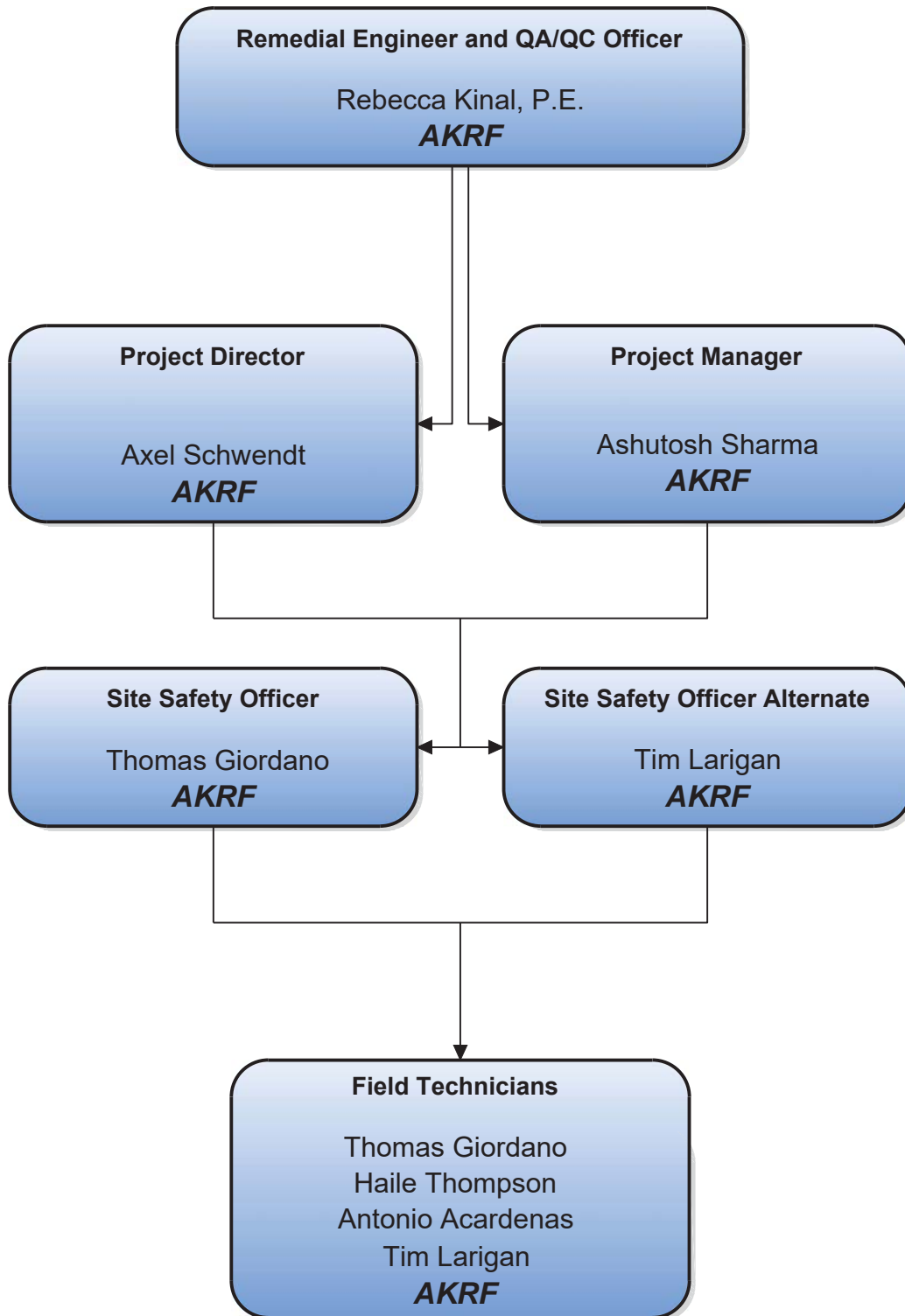
DATE	6/25/2020
PROJECT NO.	200166
FIGURE	6



La Central Phase II
Bronx, New York

ALPHANUMERIC GRID

DATE	6/26/2020
PROJECT NO.	200166
FIGURE	7



Environmental Consultants
440 Park Avenue South, New York, N.Y. 10016

La Central Phase II
Yonkers, New York

ORGANIZATION CHART

DATE	6/25/2020
PROJECT NO.	200166
FIGURE	8

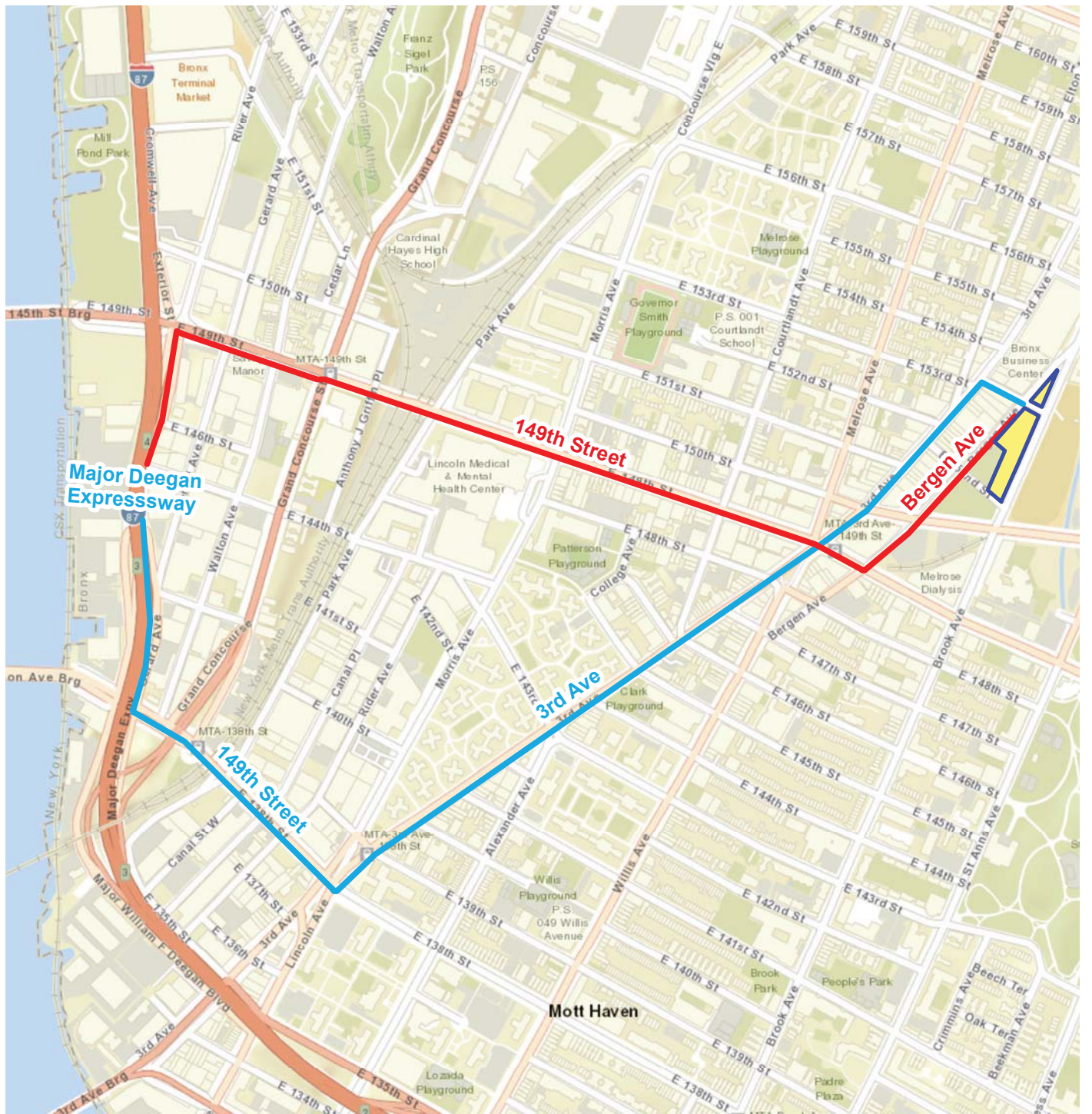


La Central Phase II
Bronx, New York




PROPOSED ENDPOINT SAMPLE PLAN

DATE	6/26/2020
PROJECT NO.	200166
FIGURE	9

© 2020 AKRF. W:\Projects\200166 - LA CENTRAL PHASE 2\Technical\GIS and Graphics\ISAR\BCP RAWP\200166 Figure 10 Truck Transportation Route.mxd 6/25/2020 6:03:22 PM iszalus



LEGEND

-  PROJECT SITE BOUNDARY
-  MAJOR DEEGAN EXPRESSWAY FROM PROJECT SITE
-  MAJOR DEEGAN EXPRESSWAY TO PROJECT SITE



Service Layer Credit:
 ESRI World Street Map 2020
 City of New York Department of Transportation, June, 2014,
 New York City Truck Routes: New York City



440 Park Avenue South, New York, NY 10016

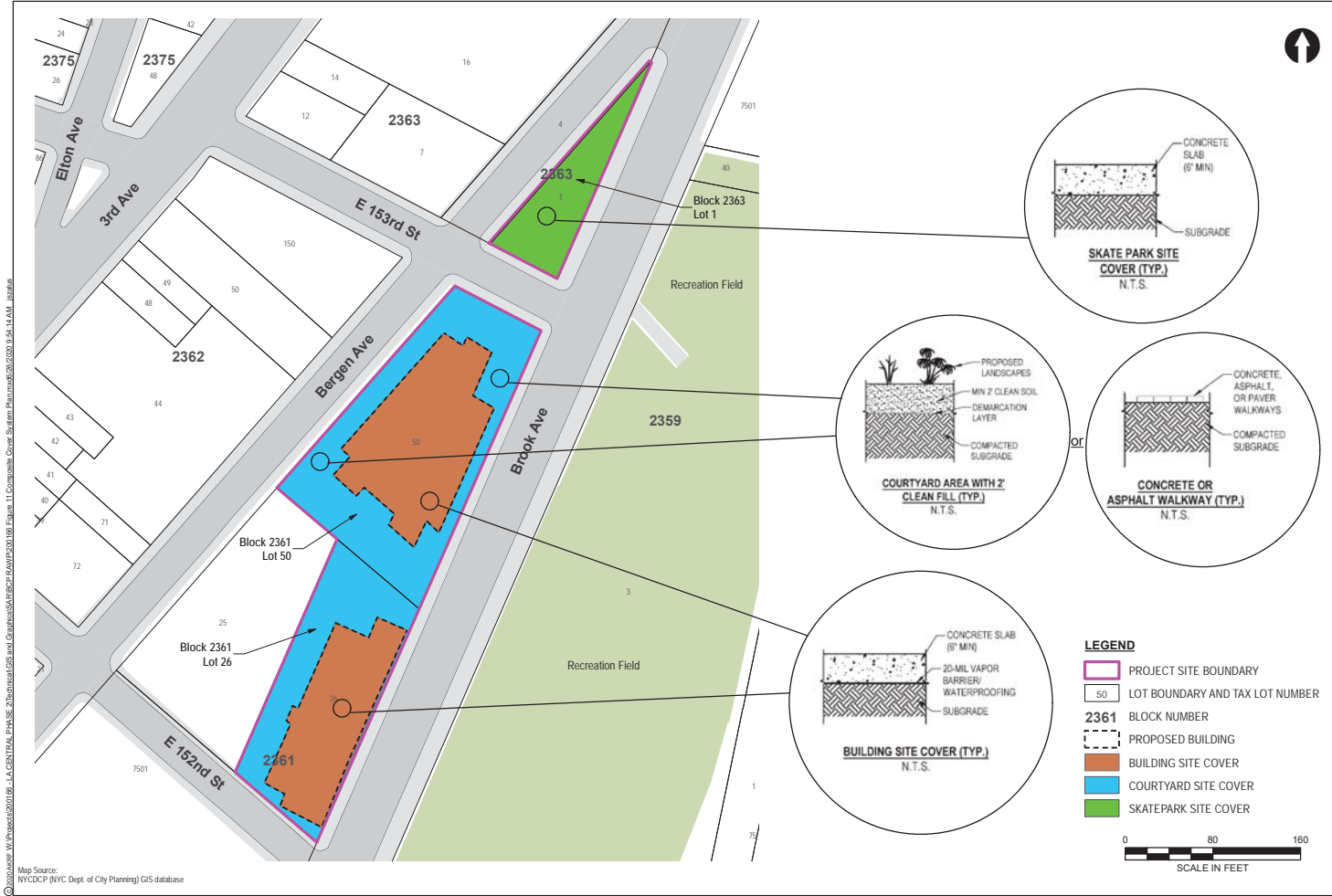
La Central Phase II
 Bronx, New York

TRUCK ROUTE MAP

DATE
6/25/2020

PROJECT NO.
200166

FIGURE
10



Map Source: NYCDOP (NYC Dept. of City Planning) GIS database
 File Path: W:\projects\2016\LA-CENTRAL-Phase-II\GIS\20160620\20160620_11\Composite_Cover_Sytem_20160620_11_14_14.MXD



La Central Phase II
 Bronx, New York

COMPOSITE COVER SYSTEM PLAN

DATE	6/26/2020
PROJECT NO.	200166
FIGURE	11

LEGEND

- PROJECT SITE BOUNDARY
- 50 LOT BOUNDARY AND TAX LOT NUMBER
- 2361 PROPOSED BUILDING
- BUILDING SITE COVER
- COURTYARD SITE COVER
- SKATEPARK SITE COVER

0 80 160
 SCALE IN FEET

APPENDIX A
STANDARDS, CRITERIA, AND GUIDANCE (SCG)

APPENDIX A

1.0 SCGS FOR SITE CHARACTERIZATION AND REMEDIAL INVESTIGATION

The following standards and criteria typically will apply to Site Characterizations and Remedial Investigations conducted in New York State:

- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes
- 6 NYCRR Part 375 – Environmental Remediation Programs
- 6 NYCRR Parts 700-706 - Water Quality Standards
- 6 NYCRR Part 182 - Endangered & Threatened Species of Fish & Wildlife
- 6 NYCRR Part 608 - Use and Protection of Waters
- 6 NYCRR Part 661 - Tidal Wetlands - Land Use Regulations
- 6 NYCRR Part 663 - Freshwater Wetlands Maps and Classification
- 6 NYCRR Part 257 - Air Quality Standards
- 10 NYCRR Part 5 of the State Sanitary Code - Drinking Water Supplies (May 1998)
- 29 CFR Part 1910.120 - Hazardous Waste Operations and Emergency Response
- 6 NYCRR Part 175 - Special Licenses and Permits--Definitions and Uniform Procedures

The following guidance typically applies to Site Characterizations and Remedial Investigations conducted in New York State:

- STARS #1 - Petroleum-Contaminated Soil Guidance Policy
- SPOTS #14 - Site Assessments at Bulk Storage Facilities (August 1994)
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- Fish and Wildlife Impact Analysis for Inactive Hazardous Waste Sites (October 1994)
- Technical Guidance for Screening Contaminated Sediments (January 1999)
- Niagara River Biota Contamination Project: Fish Flesh Criteria for Piscivorous Wildlife (July 1987)
- Wildlife Toxicity Assessment for Cadmium in Soils (May 1999)
- Air Guide 1 - Guidelines for the Control of Toxic Ambient Air Contaminants
- The 10 ppt Health Advisory Guideline for 2,3,7,8-TCDD in Sportfish Flesh
- The 1 ppm Health Advisory Guideline for Cadmium in Sportfish Flesh
- Criteria for the Development of Health Advisories for Sportfish Consumption
- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006)
- DER Interim Strategy for Groundwater Remediation at Contaminated Sites in New York State

- Guidance for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs January 2020

2.0 SCGS FOR REMEDY SELECTION

The following standards and criteria typically apply to the remedy selection process conducted in New York State:

- 6 NYCRR Part 375 - Environmental Remediation Programs
- 6 NYCRR Part 376 - Land Disposal Restrictions
- 6 NYCRR Part 608 - Use and Protection of Waters
- 6 NYCRR Part 661 - Tidal Wetlands - Land Use Regulations
- 6 NYCRR Part 663 - Freshwater Wetlands - Permit Requirements
- 6 NYCRR Parts 700-706 - Water Quality Standards
- 19 NYCRR Part 600 - Waterfront Revitalization and Coastal Resources

The following guidance typically applies to the remedy selection process conducted in New York State:

- TAGM 4044 - Accelerated Remedial Actions at Class 2, Non-RCRA Regulated Landfills (March 1992)
- TAGM 4051 - Early Design Strategy (August 1993)
- Citizen Participation in New York's Hazardous Waste Site Remediation Program: A Guidebook (June 1998)
- TAGM 3028 - "Contained In" Criteria for Environmental Media: Soil Action Levels (August 1997)
- Freshwater Wetlands Regulations - Guidelines on Compensatory Mitigation (October 1993)
- Air Guide 1 - Guidelines for the Control of Toxic Ambient Air Contaminants
- Technical Guidance for Screening Contaminated Sediments (January 1999)
- USEPA Office of Solid Waste and Emergency Response Directive 9355.047FS Presumptive Remedies: Policy and Procedures (September 1993)
- USEPA Office of Solid Waste and Emergency Response Directive 9355.048FS Presumptive Remedies:
- Site Characterization and Technology Selection for CERCLA sites with Volatile Organic Compounds in Soils (September 1993)
- USEPA Office of Solid Waste and Emergency Response Directive 9355.049FS Presumptive Remedy for CERCLA Municipal Landfills (September 1993)
- Add new MCLs for PFOA, and PFOS of 10 ppt and 1-4, dioxane at 1 ppb

3.0 SCGS FOR UNDERGROUND STORAGE TANK CLOSURE

The following standards and criteria typically apply to UST closures conducted in New York State:

- 6 NYCRR Part 612 - Registration of Petroleum Storage Facilities (February 1992)
- 6 NYCRR Part 613 - Handling and Storage of Petroleum (February 1992)
- 6 NYCRR Part 614 - Standards for New and Substantially Modified Petroleum Storage Tanks (February 1992)
- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes (November 1998)
- 6 NYCRR Subpart 374-2 - Standards for the Management of Used Oil
- 6 NYCRR Parts 700-706 - Water Quality Standards
- 40 CFR Part 280 - Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks

The following guidance typically applies to UST closures conducted in New York State:

- STARS #1 - Petroleum-Contaminated Soil Guidance Policy
- STARS #2 - Biocell and Biopile Designs for Small-Scale Petroleum-Contaminated Soil Projects
- SPOTS #14 - Site Assessments at Bulk Storage Facilities (August 1994)
- Spill Response Guidance Manual
- Permanent Closure of Petroleum Storage Tanks
- TAGM 3028 - "Contained In" Criteria for Environmental Media: Soil Action Levels (August 1997)
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- Air Guide 1 - Guidelines for the Control of Toxic Ambient Air Contaminants
- NYSDOH Environmental Health Manual CSFP-530 - "Individual Water Supplies - Activated Carbon Treatment Systems"

4.0 SCGS FOR REMEDIAL ACTION

The following standards and criteria typically apply to Remedial Actions conducted in New York State:

- 29 CFR Part 1910.120 - Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 - Underground Injection Control Program
- 10 NYCRR Part 67 – Lead
- 12 NYCRR Part 56 - Industrial Code Rule 56 (Asbestos)
- 6 NYCRR Part 175 - Special Licenses and Permits--Definitions and Uniform Procedures
- 6 NYCRR Part 361 - Siting of Industrial Hazardous Waste Facilities
- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes (November 1998)
- 6 NYCRR Part 372 - Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (November 1998)

- 6 NYCRR Subpart 373-4 - Facility Standards for the Collection of Household Hazardous Waste and Hazardous Waste from Conditionally Exempt Small Quantity Generators (November 1998)
- 6 NYCRR Subpart 374-1 - Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities (November 1998)
- 6 NYCRR Subpart 374-3 - Standards for Universal Waste (November 1998)
- 6 NYCRR Part 375 - Inactive Hazardous Waste Disposal Sites (as amended January 1998)
- 6 NYCRR Part 376 - Land Disposal Restrictions
- 19 NYCRR Part 600 - Waterfront Revitalization and Coastal Resources
- 6 NYCRR Part 608 - Use and Protection of Waters
- 6 NYCRR Part 661 - Tidal Wetlands - Land Use Regulations
- 6 NYCRR Part 663 - Freshwater Wetlands - Permit Requirements
- 6 NYCRR Parts 700-706 - Water Quality Standards (June 1998)
- 6 NYCRR Part 750 through 758 - Implementation of NPDES Program in NYS (“SPDES Regulations”)
- Technical Guidance for Screening Contaminated Sediments (January 1999)

The following guidance typically applies to Remedial Actions conducted in New York State:

- TAGM 4013 - Emergency Hazardous Waste Drum Removal/ Surficial Cleanup Procedures (March 1996)
- TAGM 4046 - Determination of Soil Cleanup Objectives and Cleanup Levels (January 1994)
- TAGM 4059 - Making Changes To Selected Remedies (May 1998)
- STARS #1 - Petroleum-Contaminated Soil Guidance Policy
- STARS #2 - Biocell and Biopile Designs for Small-Scale Petroleum-Contaminated Soil Projects
- TAGM 3028 - "Contained In" Criteria for Environmental Media: Soil Action Levels (August 1997)
- Citizen Participation in New York’s Hazardous Waste Site Remediation Program: A Guidebook (June 1998)
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations
- TOGS 1.3.8 - New Discharges to Publicly Owned Treatment Works
- TOGS 2.1.2 - Underground Injection/Recirculation (UIR) at Groundwater Remediation Sites
- Air Guide 1 - Guidelines for the Control of Toxic Ambient Air Contaminants
- State Coastal Management Policies
- OSWER Directive 9200.4-17 - Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and Underground Storage Tank Sites (November 1997)
- NYSDOH Environmental Health Manual CSFP-530 - “Individual Water Supplies - Activated Carbon Treatment Systems”

5.0 SCGS FOR SITE MANAGEMENT

The following standards and criteria typically apply to Site Management activities conducted in New York State:

- 6 NYCRR Part 175 - Special Licenses and Permits--Definitions and Uniform Procedures

The following guidance typically applies to Site Management activities conducted in New York State:

- Groundwater Monitoring Well Decommissioning Procedures (May 1995)
- The activity is a component of a program selected by a process complying with the public participation requirements of section 1.10, to the extent applicable.
- NYSDOH Environmental Health Manual CSFP-530 - "Individual Water Supplies - Activated Carbon Treatment Systems"

APPENDIX B
METES AND BOUNDS



2865 US Route 1
North Brunswick, NJ 08902
Tele: 732-422-6700
Fax: 732-940-8786
www.gallassurvey.com

JULY 10, 2020
GSG PROJECT NO. G14044.02

METES & BOUNDS DESCRIPTION

LOT 1, BLOCK 2363
BOROUGH & COUNTY OF BRONX
CITY & STATE OF NEW YORK

BEGINNING AT A POINT OF INTERSECTION OF THE WESTERLY SIDE OF BROOK AVENUE (A.K.A. CLIFTON STREET, 100 FEET WIDE) WITH THE NORTHERLY SIDE OF GROVE STREET (A.K.A. EAST 153RD STREET, 50 FEET WIDE) AND FROM SAID BEGINNING POINT RUNNING, THENCE;

1. ALONG SAID NORTHERLY SIDE OF GROVE STREET, SOUTH 88 DEGREES – 43 MINUTES – 39 SECONDS WEST, A DISTANCE OF 67.01 FEET TO A POINT ON THE EASTERLY SIDE OF BERGEN AVENUE (50 FEET WIDE), THENCE;
2. ALONG SAID EASTERLY SIDE OF BERGEN AVENUE, NORTH 12 DEGREES – 21 MINUTES – 54 SECONDS EAST, A DISTANCE OF 219.09 TO A POINT OF INTERSECTION OF SAID EASTERLY SIDE OF BERGEN AVENUE WITH THE AFOREMENTIONED WESTERLY SIDE OF BROOK AVENUE, THENCE;
3. ALONG SAID WESTERLY SIDE OF BROOK AVENUE, SOUTH 05 DEGREES – 23 MINUTES – 51 SECONDS EAST, A DISTANCE OF 213.46 FEET TO THE POINT AND PLACE OF BEGINNING.

CONTAINING 7,134 SQUARE FEET OR 0.1638 ACRE

GALLAS SURVEYING GROUP




GREGORY S. GALLAS
STATE OF NEW YORK
PROFESSIONAL LAND SURVEYOR NO. 50124

07-10-2020
DATE



2865 US Route 1
North Brunswick, NJ 08902
Tele: 732-422-6700
Fax: 732-940-8786
www.gallassurvey.com

JULY 10, 2020
GSG PROJECT NO. G14044.02

METES & BOUNDS DESCRIPTION

LOT 26, BLOCK 2361
BOROUGH & COUNTY OF BRONX
CITY & STATE OF NEW YORK

BEGINNING AT A POINT ON THE WESTERLY SIDE OF BROOK AVENUE (A.K.A. CLIFTON STREET, 100 FEET WIDE), SAID POINT ALSO BEING ON A LINE DIVIDING LOT 26 AND LOT 1, BLOCK 2361, SAID POINT BEING DISTANT NORTH 05 DEGREES – 23 MINUTES – 51 SECONDS WEST, A DISTANCE OF 114.22 FEET FROM THE INTERSECTION OF SAID WESTERLY SIDE OF BROOK AVENUE WITH THE NORTHERLY LINE OF WESTCHESTER AVENUE (100 FEET WIDE) AND FROM SAID BEGINNING POINT RUNNING, THENCE;

1. ALONG SAID LINE DIVIDING LOT 26 AND LOT 1, BLOCK 2361, NORTH 77 DEGREES – 38 MINUTES – 06 SECONDS WEST, A DISTANCE OF 98.14 FEET TO A POINT ON A LINE DIVIDING LOT 25 AND LOT 26, BLOCK 2361, THENCE;
2. ALONG SAID LINE DIVIDING LOT 25 AND LOT 26, BLOCK 2361, NORTH 05 DEGREES – 23 MINUTES – 48 SECONDS WEST, A DISTANCE OF 232.70 FEET TO A POINT ON A LINE DIVIDING LOT 50 AND LOT 26, BLOCK 2361, THENCE;
3. ALONG SAID LINE DIVIDING LOT 50 AND LOT 26, BLOCK 2361, SOUTH 77 DEGREES – 38 MINUTES – 06 SECONDS EAST, A DISTANCE OF 98.14 FEET TO A POINT ON THE AFOREMENTIONED WESTERLY SIDE OF BROOK AVENUE, THENCE;
4. ALONG SAID WESTERLY SIDE OF BROOK AVENUE, SOUTH 05 DEGREES – 23 MINUTES – 51 SECONDS EAST, A DISTANCE OF 232.70 FEET TO THE POINT AND PLACE OF BEGINNING.

CONTAINING 21,747 SQUARE FEET OR 0.4993 ACRE

GALLAS SURVEYING GROUP



GREGORY S. GALLAS
STATE OF NEW YORK
PROFESSIONAL LAND SURVEYOR NO. 50124

07-10-2020
DATE



2865 US Route 1
North Brunswick, NJ 08902
Tele: 732-422-6700
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JULY 10, 2020
GSG PROJECT NO. G14044.02

METES & BOUNDS DESCRIPTION

LOT 50, BLOCK 2361
BOROUGH & COUNTY OF BRONX
CITY & STATE OF NEW YORK

BEGINNING AT A POINT ON THE WESTERLY SIDE OF BROOK AVENUE (A.K.A. CLIFTON STREET, 100 FEET WIDE), SAID POINT ALSO BEING ON A LINE DIVIDING LOT 26 AND LOT 50, BLOCK 2361, SAID POINT BEING DISTANT NORTH 05 DEGREES – 23 MINUTES- 51 SECONDS WEST, A DISTANCE OF 346.92 FEET FROM THE INTERSECTION OF SAID WESTERLY SIDE OF BROOK AVENUE WITH THE NORTHERLY SIDE OF WESTCHESTER AVENUE (100 FEET WIDE) AND FROM SAID BEGINNING POINT RUNNING, THENCE;

1. ALONG SAID LINE DIVIDING LOT 26 AND LOT 50, BLOCK 2361, NORTH 77 DEGREES – 38 MINUTES – 06 SECONDS WEST, A DISTANCE OF 165.32 FEET TO A POINT ON THE EASTERLY SIDE OF BERGEN AVENUE (50 FEET WIDE), THENCE;
2. ALONG SAID EASTERLY SIDE OF BERGEN AVENUE, NORTH 12 DEGREES – 21 MINUTES – 54 SECONDS EAST, A DISTANCE OF 245.56 FEET TO A POINT ON THE SOUTHERLY SIDE OF GROVE STREET (A.K.A. EAST 153RD STREET, 50 FEET WIDE), THENCE;
3. ALONG SAID SOUTHERLY SIDE OF GROVE STREET, NORTH 88 DEGREES – 43 MINUTES – 39 SECONDS EAST, A DISTANCE OF 82.75 FEET TO A POINT ON THE AFOREMENTIONED WESTERLY SIDE OF BROOK AVENUE, THENCE;
4. ALONG SAID WESTERLY SIDE OF BROOK AVENUE, SOUTH 05 DEGREES – 23 MINUTES – 51 SECONDS EAST, A DISTANCE OF 278.34 FEET TO THE POINT AND PLACE OF BEGINNING.

CONTAINING 31,785 SQUARE FEET OR 0.7296 ACRE

GALLAS SURVEYING GROUP



GREGORY S. GALLAS
STATE OF NEW YORK
PROFESSIONAL LAND SURVEYOR NO. 50124

07-10-2020
DATE