521 EAST TREMONT AVENUE

BRONX, NEW YORK

Final Engineering Report

NYSDEC Site Number: C203161

Prepared for:

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OCTOBER 2026

CERTIFICATIONS

I, Rebecca Kinal, am currently a registered professional engineer licensed by the State of New York, I had primary direct responsibility for implementation of the remedial program activities, and I certify that the Remedial Action Work Plan was implemented and that all construction activities were completed in substantial conformance with the Department-approved Remedial Action Work Plan.

I certify that the data submitted to the Department with this Final Engineering Report demonstrates that the remediation requirements set forth in the Remedial Action Work Plan and in all applicable statutes and regulations have been or will be achieved in accordance with the time frames, if any, established for the remedy.

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any 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.

I certify that a Site Management Plan has been submitted 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 Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department.

I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Rebecca Kinal, of AKRF, Inc. at 440 Park Avenue South, New York NY 10016, am certifying as Owner's Designated Site Representative for the Site.

NYS Professional Engineer #	Date	Signature

TABLE OF CONTENTS

CERTIFICATIONS I
1.0 BACKGROUND AND SITE DESCRIPTION 1
2.0 SUMMARY OF SITE REMEDY 2
2.1 Remedial Action Objectives 2
2.1.1 Groundwater RAOs 2
2.1.2 Soil RAOs 2
2.1.3 Soil Vapor 2
2.2 Description of Selected Remedy 2
3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS 8
4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED 9
4.1 Governing Documents 9
4.1.1 Site-Specific Health & Safety Plan (HASP) 9
4.1.2 Quality Assurance Project Plan (QAPP) 9
4.1.3 Construction Quality Assurance Plan (CQAP) 9
4.1.4 Soil/Materials Management Plan (SMMP) 10
4.1.5 Storm-Water Pollution Prevention Plan (SWPPP) 11
4.1.6 Community Air Monitoring Plan (CAMP) 11
4.1.7 Contractors Site Operations Plans (SOPs) 12
4.1.8 Community Participation Plan 12
4.2 Remedial Program Elements 12
4.2.1 Contractors and Consultants 12
4.2.2 Site Preparation 14
4.2.3 General Site Controls 14
4.2.4 Nuisance Controls 15
4.2.5 CAMP Results 15
4.2.6 Best Management Practices 18
4.2.7 Reporting 18
4.3 Contaminated Materials Removal 19
4.3.1 Soil Excavation and Removal 19
4.4 Groundwater Dewatering 23
4.5 Remedial Performance/Documentation Sampling 23
4.6 Imported Backfill 24
4.6.1 Item 4 Gravel 24
4.6.2 ¾-Inch Stone 24
4.6.3 ASTM No. 5 Stone 24
4.7 Contamination Remaining at the Site 24
4.8 Site Cover System 25
4.9 Other Engineering Controls 26
4.9.1 SSDS 26
4.9.2 Groundwater Treatment 28
4.10 Institutional Controls 29
4.11 Deviations from the Remedial Action Work Plan 30

FIGURES

Figure 1 – Site Location
Figure 2 – Site and Sample Location Plan
Figure 3 – Site Plan with Cleanup Track Boundaries
Figure 4 – Soil Endpoint Sample Concentrations above UUSCOs and RRSCOs After Remedial Action
Figure 5 – Track 4 Cover System Plan
Figure 6 – SSDS Layout Plan
Figure 7 – SSDS Process and Instrumentation Design
Figure 8 – Groundwater Injection System Layout
Figure 9 – Shallow Groundwater Elevation Contour Map – August 2026
Figure 10 – Post-Remedial Groundwater Sample Concentrations Above AWQSGVs

IN-TEXT TABLES

Table A – Waste Disposal Summary
Table B – Soil Endpoint Sample Concentrations Above RRSCOs Following Excavation to Bedrock
Table C – Post-Remedial Monitoring Well Construction Details

TABLES

Table 1 – List of Permits
Table 2 – Soil Cleanup Objectives (SCOs) for the Project
Table 3 – Outgoing Truck Tracking Log
Tables 4A-4F – Post-Excavation Endpoint Sample Analytical Results
Table 5 – Backfill Quantities and Sources
Table 6 – Groundwater Elevation Data
Table 7 – Post-Remedial Groundwater Sample Analytical Data

APPENDICES

Appendix A – Survey Map, Metes and Bounds
Appendix B – Digital Copy of the FER (CD)
Appendix C – NYSDEC Approvals of Substantive Technical Requirements
Appendix D – Remediation- Related Permits
Appendix E – CAMP Field Data Sheets and Air Monitoring Data (Incl. CD)
Appendix F – Daily and Monthly Reports (CD)
Appendix G – Project Photo Log (CD)
Appendix H – Waste Characterization Report
Appendix I – Soil Disposal Facility Documentation
Appendix J – Soil Disposal Manifests
Appendix K – Post-Excavation Endpoint Sample Laboratory Data Reports and DUSRs
Appendix L – Imported Materials Documentation
Appendix M – Endpoint Sample Survey
Appendix N – Bedrock Survey
Appendix O – Engineering Control As-Builts
Appendix P – Groundwater Treatment Documentation
Appendix Q – Post-Remedial Monitoring Well Construction and Sampling Logs
Appendix R – Post-Remedial Monitoring Well Laboratory Data Reports and DUSRs
Appendix S – Environmental Easement
Appendix T – Site Management Plan

LIST OF ACRONYMS

Acronym	Definition
AOC	Area of Concern
ASTM	American Society for Testing and Materials
AWQSGVs	Ambient Water Quality Standards and Guidance Values
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	Below Ground Surface
BMP	Best Management Practice
CAMP	Community Air Monitoring Plan
CPP	Citizen Participation Plan
CQAP	Construction Quality Assurance Plan
CVOC	Chlorinated Volatile Organic Compound
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
EC	Engineering Control
ECL	Environmental Conservation Law
EE	Environmental Easement
EPA	United States Environmental Protection Agency
EPH	Extractable Petroleum Hydrocarbon
EWP	Excavation Work Plan
FER	Final Engineering Report
GC	General Contractor
GSR	Green and Sustainable Remediation
HASP	Health and Safety Plan
HDPE	High-density Polyethylene
IC	Institutional Control
IRMWP	Interim Remedial Measures Work Plan
ISOTEC	In-Situ Oxidative Technologies, Inc.
MEP	Mechanical, Electrical, and Plumbing
mg/kg	Milligrams per Kilogram
NAPL	Non-Aqueous Phase Liquid
NJ	New Jersey
NJDEP	New Jersey Department of Environmental Protection
NY	New York
NYCDEP	New York City Department of Environmental Protection
NYCDOB	New York City Department of Buildings
NYCRR	New York Codes, Rules and Regulations
NYS	New York State
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health

Acronym	Definition
OSHA	United States Occupational Safety and Health Administration
PA	Pennsylvania
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethylene
PE	Professional Engineer
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PGWSCO	Protection of Groundwater Soil Cleanup Objective
PID	Photoionization detector
PPE	Personal Protective Equipment
ppm	Parts per Million
ppt	Parts per Trillion
PRR	Periodic Review Report
PV	Photovoltaic
PVC	Polyvinyl Chloride
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
QEP	Qualified Environmental Professional
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RE	Remedial Engineer
RI	Remedial Investigation
RPZ	Reduced Pressure Zone
RRSCO	Restricted Residential Soil Cleanup Objective
SB	Soil Boring
SCO	Soil Cleanup Objective
SCS	Soil Conservation Services
SEFA	Spreadsheets for Environmental Footprint Analysis
SMMP	Soil/Materials Management Plan
SMP	Site Management Plan
SOE	Support of Excavation
SOP	Site Operations Plan
SPLP	Synthetic Precipitate Leachate Procedure
SRS	Soil Remediation Standards
SSDS	Sub-slab Depressurization System
SSO	Site Safety Officer
SURF	Sustainable Remediation Forum
SVOCs	Semivolatile Organic Compounds

Acronym	Definition
SWPPP	Stormwater Pollution Prevention Plan
TAL	Target Analyte List
TCE	Trichloroethylene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TOX	
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
UUSCO	Unrestricted Use Soil Cleanup Objective
VMP	Vacuum Monitoring Point
VOC	Volatile Organic Compound
µg/L	Micrograms per Liter

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

M521 Tremont LLC entered into a Brownfield Cleanup Agreement (BCA) (Index No. C203161-04-23) on May 8, 2023, with the New York State Department of Environmental Conservation (NYSDEC) to investigate and remediate a 0.57-acre property located in the East Tremont neighborhood of the Bronx, NY (hereinafter referred to as the "Site"). The BCA was amended in January 2024 to add 521 Tremont Owner LLC as a Volunteer, and in February 2026 to add 521 East Tremont Housing Development Fund Corporation as a Volunteer.

The Site is located in the Bronx, New York and is identified as Block 3043, Lot 77 on the New York City Tax Map. The Site is situated on an approximately 0.57-acre area bounded by a parking lot and Bronx Charter School for Excellence 5 to the north, East Tremont Avenue followed by commercial buildings to the south, Third Avenue followed by mixed-use buildings, commercial uses, and a church to the east, and a funeral home, commercial buildings followed by Bathgate Avenue to the west (see Figure 1). A Site plan is provided on Figure 2. The boundaries of the Site are fully described in Appendix A: Survey Map, Metes and Bounds.

An electronic copy of this Final Engineering Report (FER) with all supporting documentation is included as Appendix B.

2.0 SUMMARY OF SITE REMEDY

2.1 Remedial Action Objectives

Based on the results of the Remedial Investigation (RI), the following Remedial Action Objectives (RAOs) were identified for this Site.

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

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

RAOs for Environmental Protection

- Remove the source of ground or surface water contamination.

2.1.2 Soil RAOs

RAOs for Public Health Protection

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

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.
- Remove the source of ground or surface water contamination.

2.1.3 Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

2.2 Description of Selected Remedy

The Site was remediated in accordance with the remedy selected by the NYSDEC in the June 2024 RAWP and Decision Document dated July 2024.

The factors considered during the selection of the remedy are those listed in 6 NYCRR 375-1.8. The following are the components of the selected remedy:

1. A remedial program was implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques were implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows:

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals;
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development; and
- Additionally, to incorporate green remediation principles and techniques to the extent feasible in the future development at this site, any future on-site buildings shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

As part of the remedial program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis was completed. The environmental footprint analysis was completed using an accepted environmental footprint analysis calculator such as SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), SiteWise(TM) (available in the Sustainable Remediation Forum [SURF] library) or similar Department accepted tool. Water consumption, greenhouse gas emissions, renewable and non-renewable energy use, waste reduction and material use were estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, was incorporated into the remedial program, as appropriate. The project included detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics were tracked during implementation of the remedial action and reported in this FER, including a comparison to the goals established during the remedial program.

Additionally, the remedial program included a climate change vulnerability assessment, that evaluated the impact of climate change on the project site and the proposed remedy. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise were identified, and the remedial program incorporated measures to minimize the impact of climate change on potential identified vulnerabilities.

1. Remedial Design A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques will be implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows:
    - Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;

- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals; and
- Integrating the remedy with the end use where possible and encouraging green and sustainable re-development.
- Additionally, to incorporate green remediation principles and techniques to the extent feasible in the future development at this site, any future on-site buildings shall be constructed, at a minimum, to meet the 2020 Energy Conservation Construction Code of New York (or most recent edition) to improve energy efficiency as an element of construction.

As part of the remedial design program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis will be completed. The environmental footprint analysis will be completed using an accepted environmental footprint analysis calculator such as SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), SiteWiseTM (available in the Sustainable Remediation Forum [SURF] library) or similar NYSDEC accepted tool. Water consumption, greenhouse gas emissions, renewable and nonrenewable energy use, waste reduction and material use will be estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, will be incorporated into the remedial design program, as appropriate. The project design specifications will include detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the remedial action and reported in the Final Engineering Report (FER), including a comparison to the goals established during the remedial design program.

Additionally, the remedial design program will include a climate change vulnerability assessment, to evaluate the impact of climate change on the project site and the proposed remedy. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise will be identified, and the remedial design program will incorporate measures to minimize the impact of climate change on potential identified vulnerabilities.

2. Excavation

The existing on-site buildings will be demolished and materials which cannot be beneficially reused on site will be taken off-site for proper disposal in order to implement the remedy.

Excavation and off-site disposal of contaminant source areas, including:

- soil exceeding the 6 NYCRR Part 371 hazardous criteria for lead;
- soil containing total SVOCs exceeding 500 ppm; and

- soils which exceed the protection of groundwater soil cleanup objectives (PGWSCOs), as defined by 6 NYCRR Part 375-6.8 for those contaminants found in site groundwater above standard.

Track 2 Area (proposed building basement footprint): Excavation and off-site disposal of all onsite soils which exceed restricted-residential SCOs, as defined by 6 NYCRR Part 375-6.8 in the upper 15 feet. If a Track 2 restricted residential cleanup is achieved, a Cover System will not be a required element of the remedy for this portion of the site.

Track 4 Area (remainder of site): All soils in the upper two feet which exceed the restricted residential soil cleanup objectives (SCOs) will be excavated and transported off-site for disposal to allow for placement of the site cover. In addition, soil will be excavated in three hotspots in the Track 4 area to depths ranging from 5 to 13 feet below grade surface (bgs).

Approximately 8,300 cubic yards of contaminated soil will be removed from the Site.

Collection and analysis of confirmation and documentation samples at the remedial excavation depths will be used to verify that SCOs for the site have been achieved. If confirmation/documentation sampling indicates that SCOs were not achieved at the stated remedial depth, the Applicant must notify NYSDEC, submit the sample results and, in consultation with NYSDEC, determine if further remedial excavation is necessary. Further excavation for development will proceed after confirmation samples demonstrate that SCOs for the site have been achieved.

To ensure proper handling and disposal of excavated material, waste characterization sampling will be completed for all identified contaminated site material. Waste characterization sampling will be performed exclusively for the purposes of off-site disposal in a manner suitable to receiving facilities and in conformance with applicable federal, state and local laws, rules, and regulations and facility-specific permits.

3. Backfill

   Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d)(1) will be brought in to complete the backfilling of the excavation and establish the design grades at the Site.

4. Cover System

   A site cover will be required in areas where the upper two feet of exposed surface soil will exceed the applicable SCOs, to allow for future restricted residential use of the site. Where a soil cover is to be used it will be a minimum of two feet of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover material for the use of the site as set forth in 6 NYCRR Part 375-6.7(d). Substitution of other materials and components may be allowed where such components already exist or are a component of the tangible property to be placed as part of site redevelopment. Such components may include, but are not necessarily limited to: pavement, concrete, paved surface parking areas, sidewalks, building foundations and building slabs.

5. In-Situ Chemical Oxidation

   In-situ chemical oxidation (ISCO) will be implemented to treat tetrachloroethylene (PCE) and its associated degradation compounds in groundwater. A chemical oxidizing agent will be injected into the subsurface to destroy the contaminants in an approximately 4,300-square foot area located in the northeastern portion of the site near the former dry cleaner. The method and depth of injection will be determined during the remedial design. Monitoring will be required

up-gradient, down-gradient, and within the treatment zone. Monitoring will be conducted for contaminants of concern (VOCs), dissolved oxygen, oxidation/reduction potential, pH, and other parameters to assess the effectiveness of the treatment.

6. Vapor Mitigation

   Any proposed on-site buildings will be required to have a sub-slab depressurization system, or other acceptable measures, to mitigate the potential migration of vapors into the building from soil and/or groundwater.

7. Engineering and Institutional Controls

   Imposition of an institutional control in the form of an environmental easement and a Site Management Plan, as described below, will be required. The remedy will achieve a Track 2/Track 4 restricted residential, commercial cleanup at a minimum and will include imposition of a site cover on the Track 4 portion of the site and a vapor mitigation system for the Site as engineering controls.

   Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

   - require the remedial party or site owner to complete and submit to the NYSDEC a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
   - allow the use and development of the controlled property for restricted residential, commercial or industrial 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 the NYSDOH or NYCDOHMH; and
   - require compliance with the NYSDEC approved Site Management Plan.

8. Site Management Plan

   A Site Management Plan is required, which includes the following:

   a. an Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:

      − Institutional Controls: The Environmental Easement discussed in Remedy Element 7 above.

      − Engineering Controls: The site cover system for the Track 4 portion of the site discussed in Remedy Element 4, and the vapor mitigation system discussed in Remedy Element 6.

      This plan includes, but may not be limited to:

      - an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
      - descriptions of the provisions of the environmental easement including any land use, and groundwater water use restrictions;

- a provision that should a building foundation or building slab be removed in the future, a cover system consistent with that described in Remedy Element 4 above will be placed in any areas where the upper two feet of exposed surface soil exceed the applicable soil cleanup objectives (SCOs);
- provisions for the management and inspection of the identified engineering controls;
- maintaining site access controls and NYSDEC notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

b. a Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

- monitoring of groundwater to assess the performance and effectiveness of the remedy;
- a schedule of monitoring and frequency of submittals to the NYSDEC.

c. an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, optimization, monitoring, inspection, and reporting of any mechanical or physical components of the active vapor mitigation system(s). The plan includes, but is not limited to:

- procedures for operating and maintaining the system(s); and
- compliance inspection of the system(s) to ensure proper O&M as well as providing the data for any necessary reporting.

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

The remedy for this Site was performed as a single project, and no interim remedial measures, operable units or separate construction contracts were performed.

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved RAWP for the 521 East Tremont Avenue site (June 2024). All deviations from the RAWP are noted below.

4.1 Governing Documents

4.1.1 Site-Specific Health & Safety Plan (HASP)

A Site-specific HASP was implemented during all remedial work and provided as Appendix G of the NYSDEC-approved RAWP. The HASP included hazards and chemicals of concern, requirements for personnel training, a description of Site work zones, protocols for work zone monitoring, designated personal protection equipment (PPE), and emergency response procedures. The HASP identified key project personnel and their responsibilities. An AKRF-designated Site Safety Officer (SSO) was present during all intrusive remedial work to document safe working procedures and perform real-time work zone air monitoring with a PID.

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

The HASP was complied with for all remedial and invasive work performed at the Site.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included as Appendix F of the RAWP approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/quality control (QA/QC) activities designed to achieve the project data quality objectives.

4.1.3 Construction Quality Assurance Plan (CQAP)

The Construction Quality Assurance Plan (CQAP) managed performance of the Remedial Action tasks through designed and documented QA/QC methodologies applied in the field and in the lab. The CQAP provided a detailed description of the observation and testing activities that were used to monitor construction quality and confirm that remedial construction was in conformance with the remediation objectives and specifications.

Key personal roles for the design and implementation of the RAWP tasks included:

- Rebecca Kinal, PE, Remedial Engineer, AKRF
- Deborah Shapiro, QEP, QA/QC Officer, AKRF
- Adrianna Bosco, Project Manager, AKRF
- Patrick O'Mara, Field Team Leader, AKRF
- Lori Beyer, Third-Party Data Validator, L.A.B. Validation Corporation

The Remedial Engineer's responsibilities included:

- Oversee the design and implementation of all Institutional Controls (ICs) and Engineering Controls (ECs) at the Site; and
- Reviewing contractor submittals pertaining to ECs.

The QA/QC Officer's responsibilities included:

- Review the procedures with all personnel prior to commencing any fieldwork; and
- Reviewing the Data Usability Summary Reports (DUSRs) prepared by a third-party data validator for data collected during implementation of the RAWP.

The Project Manager's responsibilities included:

- Reviewing the RAWP for clarity and completeness so that the remedial activities could be effectively implemented;
- Verifying that contractor submittals were in compliance with requirements of the RAWP and other applicable standards;
- Review of endpoint and waste characterization sample results for compliance with applicable standards;
- Performing periodic on-site inspection of the work in progress to assess compliance; and
- Coordinating with the NYSDEC project manager and field staff.

The Project Field Team Leader's responsibilities included:

- Performing daily oversight of the remedial progress to assess compliance;
- Providing daily reports on remedial activities and coordinating with on-site contractors;
- Operating the perimeter air monitoring equipment to confirm compliance with the CAMP and notifying Site contractors when corrective measures should be implemented;
- Confirming that regular calibration of testing equipment occurred and was properly recorded;
- Visually inspecting delivery of import fill materials for compliance with NYSDEC approvals;
- Collecting remedial excavation endpoint and waste characterization samples following appropriate QA/QC procedures; and
- Confirming that disposal occurred in accordance with applicable federal, state, and local permits, laws, and regulations.

Third-party Data Validator's responsibilities included:

- The third-party data validator is responsible for reviewing the final data packages for data collected during implementation of the RAWP and preparing a DUSR that will provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the laboratory analyses for the investigation.

4.1.4 Soil/Materials Management Plan (SMMP)

A Soil/Materials Management Plan (SMMP) was included in Section 6.4 of the RAWP. The SMMP established procedures and methods for managing all soils/materials disturbed at the Site, including excavation, handling, storage, transport, disposal, and importation. The SMMP was implemented during material handling conducted under the remedial work

to assure effective, nuisance free performance of soil management work in compliance with all applicable federal, state, and local laws and regulations. The SMMP was complied with for all applicable remedial and invasive work performed at the Site.

4.1.5 Storm-Water Pollution Prevention Plan (SWPPP)

The erosion and sediment controls for all remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control and the site-specific Storm Water Pollution Prevention Plan (SWPPP).

A SWPPP was prepared for the Site by Derosier Engineering, the civil engineer for the project. The SWPPP provides protocols for erosion and sediment controls, including protecting storm drain inlets, maintaining stabilized construction entrances, dust control, equipment washing, and stockpile protection. Maintenance procedures and the inspection frequency by a certified inspector are also provided. At a minimum, an inspection was conducted every seven days and within 24 hours of a 0.5-inch rainfall event.

The SWPPP was submitted to the New York City Department of Environmental Protection (NYCDEP) for approval in December 2023 and approved in July 2025.

4.1.6 Community Air Monitoring Plan (CAMP)

The CAMP was included in Appendix H of the NYSDEC-approved RAWP. The principal purpose of the CAMP was to monitor air quality during all Site intrusive activities at the perimeter of the exclusion zone.

The CAMP included real time monitoring in the field for particulate matter and VOCs. VOC monitoring equipment consisted of a PID capable of calculating 15-minute running average concentrations, which were compared to the action levels established in the NYSDEC-approved RAWP. The real-time particulate monitoring equipment utilized was capable of measuring particulate matter less than 10 micrometers in size (PM_{10}) and integrating over a period of 15 minutes for comparison to the established action levels. The monitoring equipment was calibrated prior to the start of work on a daily basis and all readings collected during remedial work were documented on dedicated field log sheets. Periodic roving monitoring was performed during excavation and soil disturbance activities to observe and document any perceptible odors that could create a nuisance to nearby sensitive receptors. Real time monitoring of VOCs and particulate matter was also conducted at upwind and downwind fixed stations. The locations of the upgradient and downgradient fixed monitoring stations were established daily based on the weather variations such as wind flow direction.

As the Site is located within 20 feet of potentially occupied structures, a Special Requirements CAMP was implemented, which required a third CAMP station to be located near potentially exposed individuals (i.e., the private residences and school located northwest-adjacent to the Site). The fixed stations were capable of using radio telemetry to send real time alarms to field personnel if the CAMP air monitoring action levels were exceeded.

Daily reports submitted to the NYSDEC and the New York State Department of Health (NYSDOH) included graphs for the fixed stations showing 15-minute averages for particulate and VOC concentrations, as well as alarm response actions by field personnel. The CAMP complied with all applicable remedial and invasive work performed at the Site.

CAMP results and response actions are discussed in Section 4.2.5.

4.1.7 Contractors Site Operations Plans (SOPs)

The Remediation Engineer (RE) reviewed all plans and submittals for this remedial project (i.e., those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the RAWP. All remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

4.1.8 Community Participation Plan

A Citizen Participation Plan (CPP) was submitted to NYSDEC for review in June 2023 and approved by NYSDEC on June 28, 2023 (the CPP approval is included in Appendix C). A Project Fact Sheet describing the approved plan for remedial action was forwarded to people on the project contact list in accordance with the NYSDEC-approved CPP. The CPP for this project was provided in Appendix I of the RAWP.

A certification of mailing was and will be sent by the Applicant or its representatives 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 Sheets; and (4) a list of recipients (contact list). No changes will be made to the approved Fact Sheets authorized for released by NYSDEC without written consent of the NYSDEC. No other information, such as brochures and flyers, will be included with the Fact Sheet mailing. This was completed for all previous Fact Sheets issued.

No changes were made to the approved Fact Sheets authorized for release by NYSDEC without written consent of the NYSDEC. No other information, such as brochures or flyers, was included with the Fact Sheet mailing.

Document repositories were established at the following locations and will be updated to contain all applicable project documents, including this FER:

Tremont Library 1866 Washington Avenue Bronx, NY 10457 Phone: (718) 299-5177 Documents are also available online: https://www.nypl.org/about/locations/tremont Hours: Monday-Friday: 10am-6pm Saturday: 10am-5pm Sunday: Closed	Bronx Community Board 6 1932 Arthur Avenue, Room 403-A Bronx, NY 10457 Phone: (718) 579-6990 Hours: Monday-Friday: 9am-5 pm	NYSDEC DECInfo Locator https://extapps.dec.ny.gov/data/DecDocs/C203161/

4.2 Remedial Program Elements

4.2.1 Contractors and Consultants

Consultants

- AKRF served as the Environmental Engineer and Qualified Environmental Professional (QEP) responsible for oversight and performance of the remedial work with respect to the NYSDEC-approved RAWP and Decision Document under the oversight of the designated Remedial Engineer.
    - The RE for this project is Rebecca Kinal, PE of AKRF. The RE is a registered Professional Engineer licensed by the State of New York (License No. 082046-1)

and had primary responsibility for implementation of the remedial program for the Site.

- The AKRF QA/QC Officer for this project was Deborah Shapiro, QEP. The QA/QC Officer was responsible for the general oversight of all aspects of the project, including budgeting, data management, and field program decision-making. The QA/QC Officer communicated regularly with all members of the AKRF project team, the Applicant, and NYSDEC to ensure a smooth flow of information between involved parties.
- The AKRF Project Manager for this project was Adrianna Bosco. The primary responsibility of the Project Manager was to oversee and manage the daily field activities associated with implementing the RAWP, assist with the remedial activities in the field, scheduling, reporting, and correspondence with regulatory agencies.
- The primary AKRF Site Safety Officer (SSO) and field technician for this project was Patrick O'Mara. The SSO was responsible for implementing the RAWP, HASP, and CAMP in the field, and daily reporting.

- SLCE Architects, LLP of New York, NY served as the architect.
- De Nardis Engineering, LLC of White Plains, NY served as the structural engineer.
- Skyline Engineering of Long Island City, NY served as the mechanical, electrical, and plumbing (MEP) engineer.
- SESI Consulting Engineers of Pine Brook, NJ served as the geotechnical engineer.
- GEODesign, Inc. of New York, NY served as the support of excavation (SOE) design engineer.
- NV5 of New York, NY served as the landscape architect.
- George Duke of Fox Rothschild LLP of New York, NY served as the environmental attorney.
- Fehringer Surveying, P.C. of Seaford, NY served as the NYS-licensed surveyor for the environmental easement.
- GeoLand Land Surveying P.C. of New Hyde Park, NY served as the NYS-licensed surveyor for the residual management zone.

Contractors

- Mega Contracting Group of Astoria, NY served as the construction manager and general contractor (GC) for all remediation activities, including foundation construction, excavation, and vapor barrier/waterproofing installation.
- Drex Corp. of Maspeth, NY served as the foundation contractor.
- D.D.S. Mechanical Plumbing & Heating Corp. of Whitestone, NY served as the subgrade SSDS installation contractor, installer of the permanent groundwater treatment injection piping, and installer of above grade SSDS piping.
- AARCO Environmental Services Inc. of Lindenhurst, NY served as the environmental contractor that installed the post-remedial monitoring wells and permanent groundwater system injection wells.

- YESS Trucking & Disposal of Flushing, NY served as the soil broker, disposal approval manager, and provided transportation for disposal of the on-site soils.

4.2.2 Site Preparation

A pre-construction meeting was held with NYSDEC, NYSDOH, AKRF, the Volunteer, GC, and foundation contractor on December 23, 2025. The meeting was held to discuss soil handling, NYSDEC BCP requirements, and RAWP implementation requirements during redevelopment. Site preparation activities involving major mobilization events for the completion of the remedial work included the following:

- Mobilization – Site mobilization was performed in December 2025 and January 2026, and included Site security setup, equipment mobilization, utility mark-outs, and marking excavation areas prior to beginning remediation excavation.
- Erosion and Sediment Controls – During December 2025 and January 2026, the installation of perimeter erosion and sediment controls and drainage inlet protection was performed, including the installation of a stabilized construction pad at the Site's entrance/exit location. Erosion and sediment control measures are further discussed in Section 4.2.4.
- Site Fencing – The Site was secured with NYCDOB-required wooden construction fencing that was placed around the entire perimeter of the Site prior to undertaking remedial activities.

Documentation of agency approvals required by the RAWP is included in Appendix C. Other non-agency permits relating to the remediation project are provided in Appendix D.

A complete list of all local, regional, and national governmental permits, certificates, or other approvals or authorizations required to complete the remedial and development work is included in attached Table 1. This list includes the originating agency and a contact phone number in that agency.

The Applicant complied with all federal, state, and local requirements during the remedial work at the Site. All permits and government approvals required for remedial construction were obtained prior to the start of remedial construction.

4.2.3 General Site Controls

- **Site Security** – The Site was completely closed from public access during remedial activities by locking gates at the Site entrances on Third Avenue and Bathgate Avenue. During some work activities, the entrance gate(s) was open, but use was restricted to authorized personnel and pedestrians were restricted from entering the Site. A security guard was stationed at the Site following the completion of work each day and on weekends.
- **Job Site Record Keeping** – Job site record keeping was appropriately documented during the completion of all phases of the remedial work by taking notes in dedicated field books, filling out appropriate sampling log sheets, taking digital photographs, and collecting available copies of disposal or material specification documentation from contractors completing the remedial work.
- **Erosion and Sediment Controls** – Erosion and sediment controls included a stabilized construction pad at truck entrances/exits, SOE, drainage inlet protection, and dust suppression. Routine inspections, repairs, and maintenance of control measures were

completed in a timely fashion to maintain the controls in proper working order. All vehicles leaving the Site were inspected to ensure that no soil adhered to the wheels or undercarriage of the vehicles leaving the Site. No situations occurred involving material spilled in transit and all mud and dust tracked off-site was promptly cleaned up. The access routes were inspected for road conditions, overhead clearance, and weight restrictions. No erosion or sedimentation problems occurred during performance of the remedial work.

- **Equipment and Material Staging** – Staging and storage of equipment and materials were contained within on-site locking storage sheds or trailers during completion of the remedial work. Site machinery was shut down and locked on-site at the end of each workday.
- **Soil Screening Results** – During remedial excavation, elevated PID readings, odors, and staining were not observed in any material screened for off-site disposal.
- **Equipment Decontamination Procedures** – All soil sampling equipment was either dedicated or decontaminated between sampling locations. The equipment decontamination procedure established in the QAPP, included in Appendix F of the NYSDEC-approved RAWP, was implemented during use of any non-dedicated sampling equipment.
- **Stockpile Methods** – Excavated materials were screened continuously for the presence of contamination during all earthwork, with no elevated PID readings above background observed. Excavated soils were direct loaded and stockpiling was not necessary outside of the Site's SOE, which also provided erosion control.

4.2.4 Nuisance Controls

- **Housekeeping** – Egress points for truck and equipment transport from the Site were kept clean of dirt and other materials during remedial work using hoses connected to fire hydrants via a reduced pressure zone (RPZ) valve and brooms. Material transported by trucks exiting the Site was secured with tight-fitting covers.
- **Dust Control** – Dust was monitored using handheld particulate monitoring equipment on a roving basis and at upwind and downwind fixed monitoring stations. The fixed stations were capable of using radio telemetry to send real time alarms to field personnel if the CAMP air monitoring action levels were exceeded. Dust suppression necessitated by soil removal, demolition work, cutting concrete, and chopping bedrock was achieved through the use of hoses capable of spraying water directly onto excavations and temporary staging areas.
- **Odor Control** – Odors were monitored within the work zone and community via olfactory inspection and with a PID. Odor control measures were not necessary nor implemented during the remedial scope of work.
- **Complaints Response** – No complaints were identified or received during the completion of the remedial work.

4.2.5 CAMP Results

Community air monitoring was performed for VOCs and airborne particulate matter at upwind and downwind fixed monitoring stations at the perimeter of the Site during all remedial activities. A third station was located in the northwestern corner of the Site, adjacent to occupied structures. Upwind and downwind station locations were adjusted

daily depending upon wind conditions, planned work locations, and logistical feasibility based on Site work.

Several particulate exceedances were caused by accidentally knocking over the station, mobilization of equipment, equipment malfunction and calibration error, and elevated moisture/humidity. Few VOC exceedances were caused by generator refueling and/or diesel equipment startup, and not as a result of intrusive activities.

The following exceedances were detected during the remedial activities as a result of ground-intrusive activities:

- January 13, 2026 – A spike in particulates was detected at the upwind CAMP station at 10:50 and 11:12 during a change in wind direction during pile drilling along the southern boundary. As a proactive measure, AKRF immediately stopped work and dust suppression was applied. The particulate levels returned to background conditions at 11:26 and the upwind station was relocated. A second hose and water sprayer were brought to the Site as additional measures to help suppress dust.
- January 23, 2026 – High dust readings reported at the downwind CAMP were due to unusually high wind gusts. Dust control, including covering stockpiles with plastic sheeting, frequent cleaning of the nearby sidewalk and site perimeter, and wetting the Site surface, was implemented.
- February 11, 2026 – Elevated particulate levels were detected at the downwind CAMP station due to asphalt cutting occurring next to the station at 10:02. AKRF relocated the station to be at the true downwind location, and particulate levels returned to below the action level by 10:20.
- March 6, 2026 – A particulate exceedance was detected at the downwind CAMP station between 14:00 and 14:14 due to pile drilling located immediately adjacent to the CAMP station. The station was relocated to represent true downwind conditions, and particulate levels fell below the action level.
- March 9, 2026 – A particulate exceedance was detected at the downwind CAMP station between 11:28 and 11:52 due to pile drilling located immediately adjacent to the CAMP station. The station was relocated to represent true downwind conditions, and particulate levels fell below the action level.
- March 10, 2026 – Particulate exceedances were detected at the downwind CAMP station between 13:48 and 14:12 due to pile drilling located immediately adjacent to the CAMP station, and at the upwind CAMP station between 11:38 and 12:12 due to pile drilling located adjacent to the station. The stations were relocated to represent true downwind and upwind conditions, respectively, and particulate levels fell below the action level.
- March 12, 2026 – Elevated particulate readings were detected at the downwind and special requirements CAMP station between 14:04 and 14:22 due to pile drilling located adjacent to the stations. The downwind station was relocated to represent true downwind conditions, and dust suppression (water hose) was increased. Particulate concentrations reduced to within normal background levels by 14:23. The upwind CAMP station experienced elevated particulate readings during startup at 7:31 to 7:37 and was not due to intrusive work. Concentrations returned to normal background levels at 7:38.

- March 13, 2026 – Elevated particulate readings were detected at the downwind CAMP station between 8:38 and 9:14 due to pile drilling located adjacent to the station. The downwind station was relocated to represent true downwind conditions and dust suppression (water hose) was increased. Elevated particulate readings were again detected between 09:59 and 10:22 as pile drilling moved closer to the station, and the station was once again relocated to represent true downwind conditions. The downwind PID malfunctioned and was not reporting data after 09:07. AKRF recorded VOC levels using the roving PID at the downwind location, and replacement equipment was ordered from the vendor.
- March 19, 2026 – Elevated particulate levels were reported at downwind CAMP station from approximately 12:39 to 12:51 and from 14:48 to 15:00 due to pile drilling in the northeastern portion of the Site. Work was temporarily paused and active dust suppression took place until particulate concentrations fell below the action level. Sweeping occurred near the upwind CAMP station at approximately 8:18 to 8:32, causing an elevated spike in particulate levels.
- March 28, 2026 – Elevated levels of particulates were detected at the upwind CAMP station from 14:10 to 14:14 and 14:44 to 15:04, due to pile drilling near the CAMP station. Work was temporarily paused while water was applied to the work area. No further exceedances were detected.
- March 31, 2026 – The downwind station detected elevated particulate levels from 10:08 to 10:51 due to pile drilling activities. The work was temporarily paused, increased dust suppression was used with a water hose, and the particulate levels decreased to below action levels by 10:51.
- April 2, 2026 – The downwind station experienced elevated particulate levels between 8:48 and 9:12 due to pile drilling near the station. Increased dust suppression was used (water hose), and the station was relocated to represent true downwind conditions.
- April 8, 2026 – The downwind station experienced elevated particulate readings due to pile drilling between 11:46 and 12:00. Increased dust suppression was used in both instances (water hose), and readings returned to below action level.
- April 18, 2026 – The downwind station detected elevated particulate levels from 10:25 to 10:43 and 14:51 to 15:06 due to pile drilling at the southeastern corner of the Site. Work was temporarily paused while dust suppression (water hose) was used in the work zone.
- April 20, 2026 – The downwind station detected elevated particulate levels from 8:03 to 8:18 due to pile drilling at the northeastern corner of the Site. Work was temporarily paused while dust suppression (water hose) was used in the work zone.
- April 21, 2026 – The downwind station detected elevated particulate levels from 8:56 to 9:10 due to soil excavation directly adjacent to the station in the southern portion of the Site. Work was temporarily paused while dust suppression was applied (water hose) and the downwind station was relocated to represent true downwind conditions. Particulate levels returned below the action level at 9:11.
- April 22, 2026 – The downwind station detected elevated particulate levels from 15:10 to 15:22 and from 15:52 to 16:06 due to pile drilling. AKRF directed the contractor to use increased dust suppression (water hose), and the levels returned to below the action level during both instances.

- May 6, 2026 – Particulate exceedances occurred at both upwind and downwind CAMP stations due to nearby SOE soldier pile welding and pile drilling. Intrusive work was temporarily paused, and dust suppression (water hose) was applied to work areas until dust levels were below the action level.

Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix E. Specifics regarding the exceedances can be found in the daily reports included in Appendix F.

4.2.6 Best Management Practices

As part of the remedial program, the remedy was evaluated with respect to green and sustainable remediation (GSR) principles, in accordance with DER-31. Best Management Practices (BMPs) based on EPA's BMPs related to green remediation (https://clu-in.org/greenremediation/bmps) were implemented at the Site, to the extent feasible, for the applicable program elements to reduce the environmental footprint. BMPs implemented during the Remedial Action included:

- Idle reduction techniques, including restricting engine idle to a minimum and using auxiliary power units to power cab heating and air conditioning when the machinery/equipment was not actively engaged.
- Surgical excavation techniques, based on well-defined boundaries of the subsurface objects (i.e., USTs and hotspots) needing removal, to avoid unnecessary land disturbance.
- Deploying machinery that was suitably sized to prevent the use of undersized or oversized equipment, which would have considerably decreased efficiencies.
- Selecting the closest qualified waste disposal facilities (for applicable waste streams), which avoided unnecessary truck travel and reduced diesel fuel emissions.
- Spraying water onto surfaces of vulnerable work areas to control fugitive dust, in conjunction with water conservation and runoff management techniques.
- To the extent practicable, use of local personnel for oversight and local contractors.

4.2.7 Reporting

- **Daily Reports** – Daily reports were submitted to the NYSDEC and NYSDOH project managers throughout the duration of the remedial action in accordance with the approved RAWP. The daily reports included 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 CAMP findings, including exceedances, an explanation of notable Site conditions, photographs, and fixed monitoring station data.
- **Monthly Reports** – Monthly reports were submitted to the NYSDEC project manager continuously throughout the duration of the remedial action. The monthly reports included a description of 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.), a 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.

All daily and monthly reports are included in electronic format in Appendix F.

The digital photo log required by the RAWP is included in electronic format in Appendix G.

4.3 Contaminated Materials Removal

The objectives for the remedial program were established through the remedy selection process stated in 6 NYCRR Part 375. At a minimum, the remedy was established to eliminate or mitigate all significant threats to public health and the environment presented by the contamination identified at the Site through the proper application of scientific and engineering principles. The cleanup tracks during the remedial activities are shown on Figure 3.

The contaminated materials removal portion of the remedial program was established based on a Restricted Residential Track 2/Track 4 Cleanup, as established in the RAWP and NYSDEC Decision Document, which included the remedial excavation and off-site disposal of soil above RRSCOs within the upper 15 feet below grade in the Track 2 area, and between 4 and 14 feet below grade in the Track 4 area.

The locations where excavations were performed are shown on Figure 3. A total of 9,000.53 tons of non-hazardous soil and 232.75 tons of hazardous lead-contaminated soil were removed from the Site and transported for off-site disposal at the appropriate soil disposal facilities. All contaminated soil was removed in accordance with the RAWP and Decision Document. The soil excavations and removals performed as part of the remedy are described in Section 4.3.2.

Table A in Section 4.3.1.3 presents the total quantities of each category of material removed from the Site and the disposal locations.

A list of the soil cleanup objectives (SCOs) for the contaminants of concern for this project is provided in Table 2.

A figure of the location of original sources and areas where excavations were performed is shown in Figure 3.

4.3.1 Soil Excavation and Removal

A summary of the waste characterization soil samples and associated analytical results are included in the Soil Characterization for Off-Site Disposal Letter Report attached as Appendix H. The waste disposal profile and facility acceptance letters are included in Appendix I. Manifests and bills of lading are included in electronic format in Appendix J.

4.3.1.1 Soil Characterization Sampling

AKRF conducted soil waste classification sampling at the Site between November 10 through 13, 2025, and December 8, 2025. The procedures and analytical results were documented in a letter report dated December 22, 2025.

Based on the typical requirements of regional disposal facilities and material to be classified at the Site, 20 composite soil samples and 20 grab soil samples were collected across the Site. Additionally, 39 samples were collected from previous sample depths from the 2019 Phase II Investigation and 2024 Remedial Investigation that contained concentrations of lead above 100 milligrams per kilogram (mg/kg) and were analyzed for total and TCLP lead, as required by the disposal facilities. Soil was field-screened using a

PID for VOCs. The PID was calibrated at the start of the workday with 100 parts per million (ppm) isobutylene standard gas. At each boring location, AKRF field personnel recorded and documented subsurface conditions. Petroleum-like odors and PID readings up to 30.7 ppm were detected in three borings, located in Grids 5 and 9. No staining or non-aqueous phase liquid (NAPL) was observed in the soil.

The grab samples were collected using dedicated Encore samplers for analysis of total VOCs plus 10 tentatively identified compounds (TICs) by the United States Environmental Protection Agency (EPA) Method 8260D plus the New Jersey Department of Environmental Protection (NJDEP) Soil Remediation Standards (SRS) and Soil Conservation Services (SCS) compounds. Composite soil samples were analyzed for:

- TCL semi-volatile organic compounds (SVOCs) plus 20 TICs and pyridine by EPA Method 8270E, and NJDEP SRS and SCS compounds;
- New Jersey Extractable Petroleum Hydrocarbons (EPH), non-fractionated by Method NJDEP EPH;
- TCL pesticides by EPA Method 8081B;
- Polychlorinated biphenyls (PCBs) by EPA Method 8082A;
- Herbicides by EPA Method 8151A;
- Target Analyte List (TAL) metals by EPA Methods 6020B and 7471B;
- Resource Conservation and Recovery Act (RCRA) list of Toxicity Characteristic Leaching Procedure (TCLP) metals plus copper, nickel, and zinc by EPA Methods 6020B and 7470A;
- Hexavalent chromium by EPA Method 7196A;
- Ignitability, corrosivity, and reactivity; and
- Paint filter by EPA Method 9095B (sample WC-03_8-16_20251111).

Samples collected from Grids 2 and 6 were analyzed for:

- EPH, by Method NJDEP EPH;
- RCRA list of TCLP metals plus aluminum, antimony, beryllium, calcium, copper, iron, magnesium, manganese, molybdenum, nickel, potassium, strontium, thallium, tin, vanadium, and zinc by EPA Methods 6020B and 7470A;
- Ignitability, corrosivity, and reactivity;
- PCBs by EPA Method 8082A;
- TCLP VOCs by EPA Method 8260D;
- TCLP SVOCs by EPA Method 8270E;
- TCLP pesticides by EPA Method 8081B;
- TCLP herbicides by EPA Method 8151A;
- TOX;
- Free liquid (paint filter) by EPA Method 9095B;
- Total solids by EPA Method 2540B; and

- Total volatile solids by EPA Method 2540G.

Analytical results are summarized below:

- VOCs were detected at variable concentrations in each of the grab samples ranging from 0.0011 milligrams per kilogram (mg/kg) to 5.6 mg/kg PCE in sample WC-02G_11-12_20251110. Compounds included 1,1-dichloroethene, 2-butanone, acetone, cis-1,2-dichloroethene, methylcyclohexane, trans-1,2-dichloroethene, trichloroethene (TCE), PCE, and trichlorofluoromethane.
    - No VOCs analyzed by the TCLP method were detected above the EPA limit for hazardous waste.
- Polycyclic aromatic hydrocarbons (PAHs), a class of SVOCs commonly associated with fill material, combustion products such as coal, and/or petroleum, were detected in each of the composite samples collected, with the highest total concentration detected in sample WC-HOTSPOT-03_0-8_20251112 with a total concentration of 30.44 mg/kg.
    - No SVOCs analyzed by the TCLP method were detected above the EPA limit for hazardous waste.
- Total EPH (C9 to C40 range) was detected in 19 composite samples at concentrations ranging from 37 to 520 mg/kg.
- The pesticides 4,4'-DDE, 4,4'-DDD, 4,4'-DDT, cis-chlordane, dieldrin, and/or trans-chlordane were detected in nine composite samples at concentrations ranging from 0.0036 mg/kg to 0.12 mg/kg.
    - No pesticides analyzed by the TCLP method were detected above the EPA limit for hazardous waste.
- Total PCBs were detected above the laboratory's reporting limits in one composite sample (WC-HOTSPOT-01_0-13_20251110) at a concentration of 0.77 mg/kg.
    - No herbicides were detected above laboratory reporting limits in any of the samples analyzed under this sampling program in the total and TCLP analysis.
- Total metals were detected in the composite samples at concentrations typical of fill material. In the TCLP analysis, lead was detected above the RCRA hazardous waste threshold of 5,000 micrograms per liter (µg/L) in three soil samples (WC-HOTSPOT-03_0-8_20251112, RI-SB-17_6-8_20251112, and RI-SB-11_4_20251112).
    - Sample RI-SB-17_6-8_20251112 was collected from a previous RI boring location in Hotspot-03 (sample WC-HOTSPOT-03_0-8_20251112). Bedrock in the hotspot was encountered at approximately 8 feet below grade. Four sidewall samples were collected from the northern, southern, eastern, and western extents of the hotspot and were analyzed for total and TCLP lead. The concentrations from the sidewall samples were below the RCRA hazardous waste threshold for lead.
    - Sample RI-SB-11_4_20251112 was located in Grid 6 and was collected from immediately above the bedrock surface. Four sidewall samples were collected approximately 5 feet north, south, east, and west of boring RI-SB-11 and were analyzed for total and TCLP lead. The concentrations from the sidewall samples were below the RCRA hazardous waste threshold for lead.

- Hexavalent chromium was detected in two composite samples (WC-02-0-8_20251110 and WC-05_0-10_20251111) at concentrations of 0.69 mg/kg and 0.45 mg/kg, respectively.
- Paint filter was not detected in any of the soil samples analyzed from the Site as part of this investigation (WC-03_8-16_20251111, WC-06_0-3_20251208, WC-06_3-6_20251208, WC-02_0-8_20251208, and WC-02_8-16_20251208).

The laboratory analytical results were submitted to the project's soil broker, YESS Trucking & Disposal, who forwarded AKRF's report as well as all previous reports to waste disposal facilities to obtain approvals prior to excavation of the soil and fill material. The waste classification report, which includes summaries of the samples collected, the sample locations, and analytical results, is provided in Appendix H. Approval letters from disposal facilities are included in Appendix I.

Table 3 shows the total quantities of each category of material removed from the Site and the disposal locations.

Acceptance letters from disposal facility owners are attached in Appendix I.

Manifests and bills of lading are included in electronic format in Appendix J.

4.3.1.2. Soil Disposal Facility Approval

The initial approval letter for Bayshore Soil Management was submitted to NYSDEC on January 20, 2026, with the remaining approval letters for P Park NJ, Republic Environmental Systems, Conestoga Landfill, and Posillico Materials submitted between January 21, 2026 and February 18, 2026. The approval letter for Salem County Landfill was submitted to NYSDEC on March 18, 2026. The approval letters are enclosed as Appendix I.

After securing the formal approvals from the selected waste disposal facilities, remedial excavation was initiated on January 23, 2026 in accordance with the NYSDEC-approved RAWP. A Site plan showing the remedial excavation areas is provided as Figure 3.

4.3.1.3. Soil Excavation and Removal

During implementation of the RAWP, a total of 9,000.53 tons of non-hazardous soil and 232.75 tons of hazardous lead-impacted soil were disposed of off-site.

Table A shows the total quantity of material removed from the Site and disposed of at each disposal facility.

Table A
Waste Disposal Summary

Waste Stream	Disposal Facility	Quantity Disposed (Tons)
Non-Hazardous Urban Fill	Bayshore Soil Management Keasbey, NJ	5,690.89
Hazardous Lead Impacted Soil	Republic Environmental Systems (PA), LLC Hatfield, PA	232.75
Non-Hazardous Soil	Posillico Materials, LLC Farmingdale, NY	524

Table A
Waste Disposal Summary

Waste Stream	Disposal Facility	Quantity Disposed (Tons)
Non-Hazardous Soil	Conestoga Landfill Morganton, PA	423.12
Non-Hazardous Soil	P Park NJ, LLC Prospect Park, NJ	2,280.84
Non-Hazardous Urban Fill	Salem County Landfill Alloway, NJ	81.68
	Total	**9,233.28**

A complete outgoing truck tracking log with transporter information, grid locations for soil removal/net soil tonnage of each truck is included in Table 3. A total of 6,994.55 tons of soil were excavated from the Track 2 area and a total of 2,238.73 tons of soil were excavated from the Track 4 area.

4.3.1.4 On-Site Reuse

On-site soil was not reused for backfilling.

4.4 Groundwater Dewatering

Dewatering was performed to enable remedial soil excavation below the water table in accordance with a NYCDEP-approved dewatering permit issued on January 8, 2026. On-site water was discharged to the municipal sewer system through an inlet located at the intersection of East Tremont Avenue and Third Avenue. Prior to discharge, the on-site water went through a treatment system which included a 1,500-gallon frac tank, bag filters, sand filters, and two 1,000-pound granular activated carbon vessels. The system was designed to treat 50 gallons per minute. During excavation, approximately 500,000 gallons of water was discharged to the municipal sewer system. The NYCDEP permit and treatment schematic are provided in Appendix D.

4.5 Remedial Performance/Documentation Sampling

The achieved remedy is a dual Track 2/Track 4 cleanup; therefore, contamination remains in the subsurface at the Site. Endpoint samples were collected to document the remaining contamination and confirm the removal of source material. All endpoint sample results were compared to UUSCOs and RRSCOs for all parameters, and PGWSCOs for CVOCs only, as shown in Tables 4A through 4F, and concentrations above UUSCOs and RRSCOs are shown on Figure 4. No CVOCs were detected above PGWSCOs, UUSCOs or RRSCOs. Endpoint sample locations shown without analytical data indicate that no exceedances of SCOs were detected at the sample location. Endpoint samples were not collected where excavation extended to the bedrock surface.

Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in Appendix K, and associated raw is provided electronically in Appendix K.

4.6 Imported Backfill

4.6.1 Item 4 Gravel

Between April 14, 2026 and August 26, 2026, 1,812 cubic yards of Item 4 gravel were imported to the Site from New York Recycling, LLC in the Bronx, NY.

The Item 4 gravel was used as backfill behind the northwestern retaining wall and behind subgrade cellar walls along the southern and eastern boundaries of the Site, and as the clean cap/site cover in the exterior (Track 4) portions of the Site.

4.6.2 ¾-Inch Stone

Between January 14, 2026 and June 30, 2026, 659 cubic yards of ¾-inch stone were imported to the Site from New York Recycling, LLC in the Bronx, NY.

The ¾-inch stone was used as a temporary truck pad at truck entrances and as backfill around footings in the southern portion of the Site and behind subgrade cellar walls along the southern boundary of the Site.

4.6.3 ASTM No. 5 Stone

On July 17, 2026 and July 28, 2026, 132.06 cubic yards of ASTM #5 stone was imported to the Site from the Mt. Hope Quarry in Morris County, NJ (provided by Tilcon New York Inc.).

The ASTM #5 stone was used as the gas permeable aggregate layer beneath the slab-on-grade portion of the building for the SSDS.

A summary of all sources of imported backfill with quantities for each source is provided in Table 5. Materials certifications, NYSDEC approvals, and imported stone tickets are included in Appendix L.

4.7 Contamination Remaining at the Site

Endpoint sample locations were surveyed by a NYS-licensed surveyor to determine coordinates and elevation. The survey showing endpoint sample locations is provided in Appendix M. A survey of the depths where bedrock was encountered and where endpoint samples were not collected is provided in Appendix N.

Table B and Figure 4 summarize and illustrate the results of all soil samples remaining at the Site after completion of Remedial Action that exceed the Track 1 (unrestricted) SCOs and Track 2/4 RRSCOs.

Only two endpoint samples (EP-05 and EP-41) had detections of PAHs or lead above RRSCOs, following excavation to bedrock. Endpoint sample EP-05 was collected from the northern portion of the Site, within the Track 4 cleanup area. Endpoint sample EP-41 was collected from the western Site boundary, within the Track 4 area. Additional excavation could not be conducted around EP-41 due to the presence of a live utility and potential to undermine the adjacent sidewalk on Bathgate Avenue.

Table B
Soil Endpoint Sample Concentrations Above RRSCOs Following Excavation to Bedrock

Compound	Sample ID	UUSCO (mg/kg)	RRSCO (mg/kg)	Result (mg/kg)
Benzo(a)Anthracene	EP-05_14_20260601	1	1	**4.6**
Benzo(a)Pyrene	EP-05_14_20260601	1	1	**5.5**
Benzo(b)Fluoranthene	EP-05_14_20260601	1	1	**6.5**
Chrysene	EP-05_14_20260601	1	3.9	**4.5**
Dibenz(a,h)Anthracene	EP-05_14_20260601	0.33	0.33	**1.1**
Indeno(1,2,3-c,d)Pyrene	EP-05_14_20260601	0.5	0.5	**4**
Lead	EP-41_5_20260826	63	400	**1,910**

Notes:
mg/kg = milligrams per kilograms
Exceedances of RRSCOs are shaded gray.

Since contaminated soil, groundwater, and/or soil vapor remain beneath the Site after completion of the Remedial Action, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these EC/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC. The SMP is provided in Appendix T.

4.8 Site Cover System

Exposure to remaining contamination at the Track 4 portion of the Site is prevented by a site cover system. The Site cover system is comprised of (1) a minimum 2-foot thick cap of clean, imported Item 4 gravel, underlain by a demarcation barrier, in the northern and western portion of the Site along Bathgate Avenue outside the new building footprint, and (2) a 12-inch thick concrete building slab underlain by a vapor barrier membrane system (Drago Wrap 20-mil below the foundation slab with GCP Preprufe 300R below the detention tank and GCP Preprufe 160R and Bithuthene 4000 behind subgrade foundation walls). Figure 5 presents the location and details of the site cover system and including applicable demarcation layers.

The Excavation Work Plan (EWP) provided in Appendix D of the Site Management Plan outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed. Procedures for inspection of the cover system are provided in the Monitoring and Sampling Plan included in Section 4.0 of the SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and associated Community Air Monitoring Plan (CAMP) prepared for the Site and provided in the SMP as Appendix E and F, respectively. Any breach of the Site's cover system must be overseen by a Professional Engineer (PE) who is licensed and registered in New York State or a qualified person who directly reports to a PE who is licensed and registered in New York State.

Figure 4 shows the as-built cross sections and locations for each remedial cover type used on the Track 4 portion of the Site. An Excavation Work Plan, which outlines the procedures required in the event the cover system and/or underlying residual contamination are disturbed, is provided in Appendix D of the SMP.

4.9 Other Engineering Controls

Treatment systems described below represent a significant opportunity to implement green and sustainable remediation approaches.

Incorporation of broad BMPs during project planning can help minimize the environmental footprint of a treatment system throughout its life. Relevant BMPs include:

- Integrate one or more onsite photovoltaic (PV) systems to supply electricity for groundwater extraction and treatment equipment or for offsetting grid-supplied electricity used for this purpose. The systems may be scaled up or configured in a modular fashion to additionally meet electricity demands of ongoing site activities or anticipated site reuse.
- Identify on-site or off-site non-potable uses for the treated water, such as building operations, dust and fire suppression, plant irrigation, wetlands restoration or recreational impoundments.
- Choose the nearest facilities at which to dispose of or recycle anticipated wastes.
- Use existing structures that are unused or underutilized to house remediation and monitoring equipment and supplies.
- Incorporate green requirements into applicable service and product procurements.

Other BMPs can be incorporated into detailed design of a treatment system, such as:

- Maximize automation of mechanical and electronic equipment to minimize in-person monitoring.
- Implement a telemetry system to reduce frequency of Site visits and responses to non-critical alarms.
- Rely on gravity flow where feasible to minimize the number of pumps required for groundwater transfer or effluent discharge.

Lifecycles and environmental tradeoffs within and among treatment projects may vary considerably. Considerations might include aspects such as:

- The natural resources used to manufacture or process chemicals and other treatment materials.
- Fuel usage and air emissions associated with transporting goods or wastes and commuting workers.
- Coinciding increases in energy efficiency and energy demand associated with pre-heating extracted groundwater prior to treatment.
- The potential for treatment chemicals or treatment byproducts to exist in the treatment system effluent.

Other approaches and/or considerations may have been implemented with the approval of NYSDEC's Project Manager.

Since remaining contaminated soil, groundwater, and/or soil vapor exist beneath the Site, Engineering Controls (EC) are required to protect human health and the environment. The Site has the following primary Engineering Controls, as described in the following subsections.

4.9.1 SSDS

An active SSDS will be installed and operated in the new building to mitigate the potential for soil vapor intrusion. The SSDS will induce a negative pressure (i.e., vacuum) beneath

the building slab. As the top of the cellar slab (elev. 56 feet) was constructed at or just above the water table, an SSDS was not installed beneath the cellar slab as it would become inundated with water accumulating around the building foundation making it ineffective. The underground elements of the SSDS installed beneath the slab-on-grade portion include the following components:

- Two SSDS branches consisting of 0.02-inch slotted and solid, 4-inch diameter Schedule 40 polyvinyl chloride (PVC) pipe lengths were installed beneath the slab-on-grade portion of the building slab with riser legs penetrating the building slab and stubbed out above the top of slab;
- Communication and pipe sleeves through concrete foundation elements;
- A minimum 6-inch thick gas-permeable aggregate layer (underlain by non-woven geotextile fabric beneath the entire SSDS treatment area (with additional 6 inches of aggregate above and below the SSDS piping);
- Seven vacuum monitoring points (VMPs) installed beneath the building slab; and
- Drago Wrap 20-mil vapor barrier beneath the full extent of the slab-on-grade portion of the building slab.

During construction of the new building superstructure, the following aboveground elements will be installed to complete the SSDS installation in accordance with the SMP:

- A pipe manifold, which combines the PVC riser legs into a single 6-inch galvanized steel pipe, will extend to the roof of the building following building completion;
- A roof-mounted blower with a shut-off alarm connected to a local alarm panel;
- One 6-inch diameter galvanized steel rooftop exhaust stack fitted with a rain cap, terminating at least 10 feet above the finished roof;
- Accessories, including: cleanouts, sample ports, vacuum indicators/pressure gauges, flow meters, butterfly valves, and differential pressure switches; and
- A control panel equipped with a telemetry system to notify select personnel of alarm conditions.

When completed, the SSDS will comply with the requirements stated in Section 10.0 of the RAWP. The location and components of the SSDS are shown on Figure 6. The SSDS process and instrumentation diagram is presented on Figure 7. As-built drawings for the underground components of the SSDS are included in Appendix O and full as-builts of the SSDS will be provided in the PRR upon SSDS completion.

Procedures for operating and maintaining the SSDS are documented in the Operation and Maintenance Plan and procedures for monitoring the SSDS are included in the Monitoring Plan (see Section 4.0 of this SMP). The Monitoring Plan also addresses severe condition inspections in the event that a severe condition occurs, which may affect controls at the Site.

The Monitoring Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs.

4.9.2 Groundwater Treatment

4.9.2.1 Remedial Groundwater Treatment Program

Due to elevated concentrations of PCE detected in groundwater in the northeastern portion of the Site, a groundwater treatment program using temporary injection points was conducted to treat an approximately 4,300-square foot area of shallow groundwater beneath the Site. Between October 28, 2025 and November 3, 2025, In-Situ Oxidative Technologies, Inc. (ISOTEC) of Lawrenceville, New Jersey injected 7,550 gallons of 3.6% sodium permanganate-water mixture into 25 temporary injections points. A total of 5,664 pounds of 40% sodium permanganate was used to create the mixture. In general, the injection points had 0-foot well screens set to treat shallow groundwater from approximately 12 to 22 feet below grade. At locations where bedrock was encountered above 22 feet along the western boundary of the treatment area, the screen interval was shortened and the bottom treatment depth ranged from 13 to 19 feet below grade.

ISOTEC injection documentation is provided in Appendix P.

4.9.2.2 Permanent Groundwater Treatment System

A permanent groundwater treatment system was installed beneath the new building in the northeastern portion of the Site to allow for potential supplemental injection events and groundwater monitoring, as part of the Site Management phase following redevelopment of the Site.

The full-scale groundwater injection treatment system includes the following components:

- Seven single-screen permanent injection wells consisting of 2-inch Schedule 40 PVC with up to 10-foot long, 0.020-slotted PVC well screens installed approximately 10 feet into the groundwater interface to treat shallow groundwater [approximately 25 feet below ground surface (bgs)].
- Nine double-screened permanent injection wells consisting of 1.5-inch Schedule 40 PVC with 0.020-slotted PVC well screens installed to 25 feet bgs (to treat shallow groundwater), and 0.020-slotted PVC well screens installed to approximately 50 feet bgs (to treat deep groundwater).
- 1-inch diameter HDPE tubing installed horizontally within trenches beneath the building footprint which connect to the injection wells and terminate outside the western building wall within an access vault.
- Four post-remedial monitoring wells (PMW-01 through PMW-04) were installed to evaluate upgradient, cross-gradient, and downgradient groundwater conditions.
- The monitoring wells will be subsequently finished with j-plugs, flush mount well caps, and concrete pads within the building footprint and exterior parking lot.

The permanent groundwater treatment system layout is shown on Figure 8.

4.9.2.3 Post-Remedial Groundwater Monitoring

To assess the effectiveness of the groundwater treatment program, and to continue to monitor groundwater conditions beneath the Site following issuance of the Certificate of Completion, four post-remedial monitoring wells (PMW-01 through PMW-04) were installed upgradient, cross-gradient, and downgradient of the groundwater treatment system. Monitoring wells PMW-01 and PMW-04 were installed with 2-inch diameter well

screens set at shallow, intermediate, and deep intervals. Due to shallow bedrock, monitoring wells PMW-02 and PMW-03 were installed to approximately 17 and 16 feet below grade, respectively, above the bedrock surface. The monitoring well construction logs are provided in Appendix Q and construction details are summarized below in Table C.

Table C
Post-Remedial Monitoring Well Construction Details

Monitoring Well ID	Well Location	Coordinates (longitude/ latitude)	Well Diameter (inches)	Well Screen Depths (feet below grade)		
				Shallow Screen	Intermediate Screen	Deep Screen Depth
PMW-01	Upgradient	40.84720 -73.89609	2	10-20	25-35	40-50
PMW-02	Cross-gradient	40.84716 -73.89633	2	7-17	N/A*	N/A*
PMW-03	Cross-gradient	40.84707 -73.89638	2	6-16	N/A*	N/A*
PMW-04	Downgradient	40.84698 -73.89622	2	5-10 (below cellar grade)	15-25 (below cellar grade)	30-40 (below cellar grade)
*Only one screen interval was installed at PMW-02 and PMW-03 due to shallow bedrock.						

The monitoring wells were surveyed by GeoLand and a shallow groundwater elevation contour map is provided on Figure 9. Well elevation data is summarized in Table 6.

One round of groundwater samples was collected on August 20 through August 24, 2026. A second round of samples was collected on October 5 through 7, 2026. Post-remedial groundwater sample concentrations above the NYSDEC AWQSGVs are shown on Figure 10 and summarized in Table 7.

Post-remedial groundwater analytical data and DUSRs are provided in Appendix R.

4.10 Institutional Controls

The Site remedy requires that an environmental easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the site to restricted residential, commercial, or industrial uses only.

The Environmental Easement (EE) for the Site was executed by the Department on [date], and filed with the New York City Department of Finance on [date]. The County Recording Identifier number for this filing is [number]. A copy of the easement and proof of filing is provided in Appendix S.

The ICs that supporting the ECs are:

1. The property may be used for: restricted residential, commercial, or industrial use;
2. All ECs must be operated and maintained as specified in this SMP;
3. All ECs must be inspected at a frequency and in a manner defined in the SMP;
4. The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health to render

it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

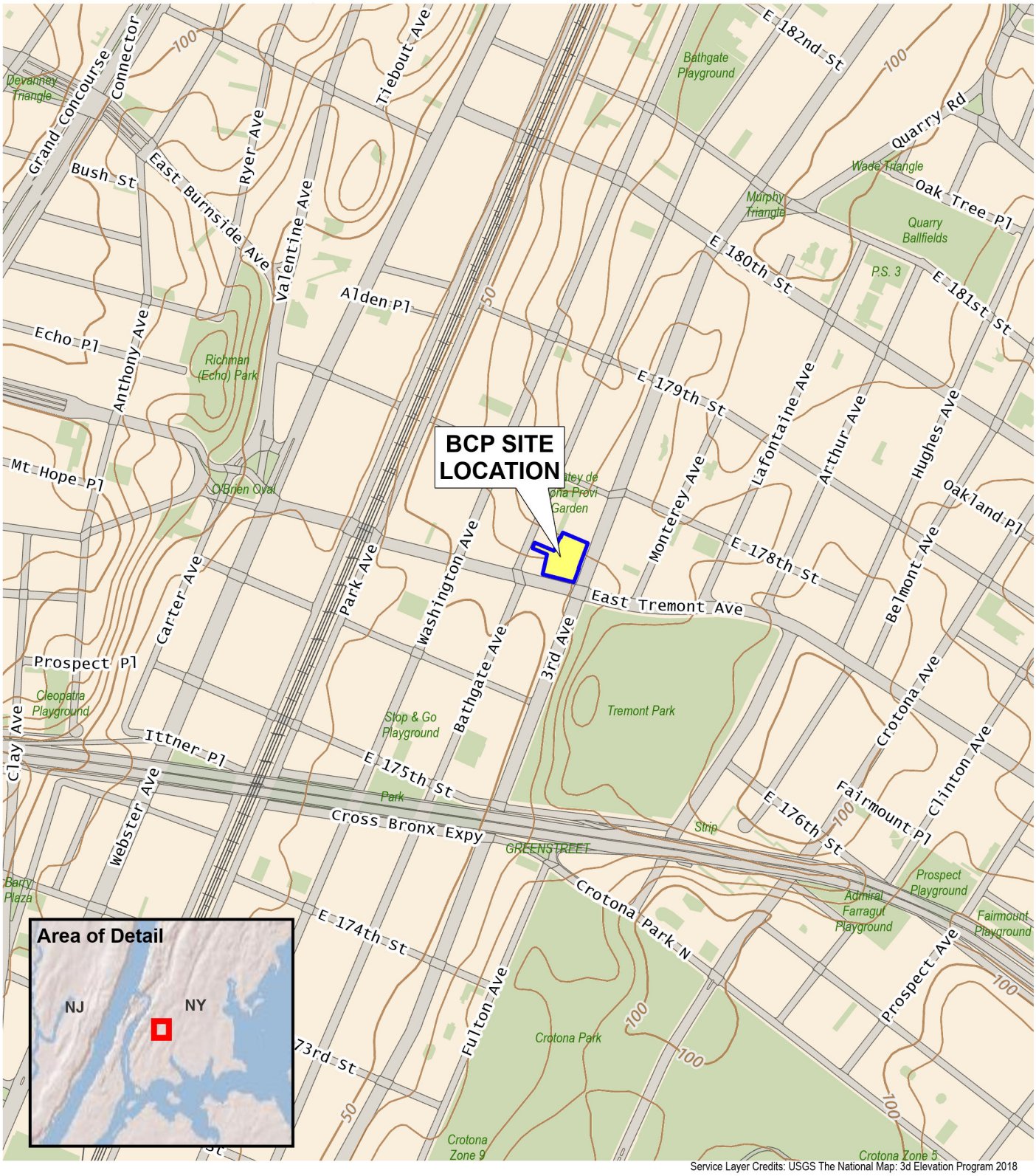
5. Groundwater and other environmental or public health monitoring must be performed as defined in this SMP;
6. Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;
7. All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;
8. Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
9. Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;
10. Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
11. The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 3, and any potential impacts that are identified must be monitored or mitigated; and
12. In-ground vegetable gardens and farming on the Site are prohibited.

4.11 Deviations from the Remedial Action Work Plan

The following components of the Remedial Action can be considered deviations from the Interim Remedial Measures Work Plan (IRMWP) and RAWP:

- The approved RAWP proposed a Track 4 cleanup in the northern portion of the Site with a proposed remedial excavation depth of approximately 2 feet below grade. Remedial excavation extended deeper in some areas down to the bedrock surface, enabling achievement of a Track 2 remedy. NYSDEC approved this deviation from the RAWP via phone and email on September 10, 2026. The revised Track 2/Track 4 boundary is documented in the amended environmental easement included in Appendix S in addition to Figure 3.
- Due to shallow bedrock encountered in the northwestern portion of the groundwater treatment area, proposed permanent injection point INJ-01 could not be installed. Multiple attempts were advanced to relocate the injection point; however, shallow refusal was encountered between 3 and 5 feet below the building slab depth, above the groundwater table.
- Due to conflicts with permanent foundation elements, proposed permanent injection well INJ-16S/I was eliminated and verified with the PE that would not have a significant impact on the performance of the treatment system.

FIGURES



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440 Park Avenue South, New York, NY 10016

521 East Tremont Avenue
Bronx, New York

SITE LOCATION

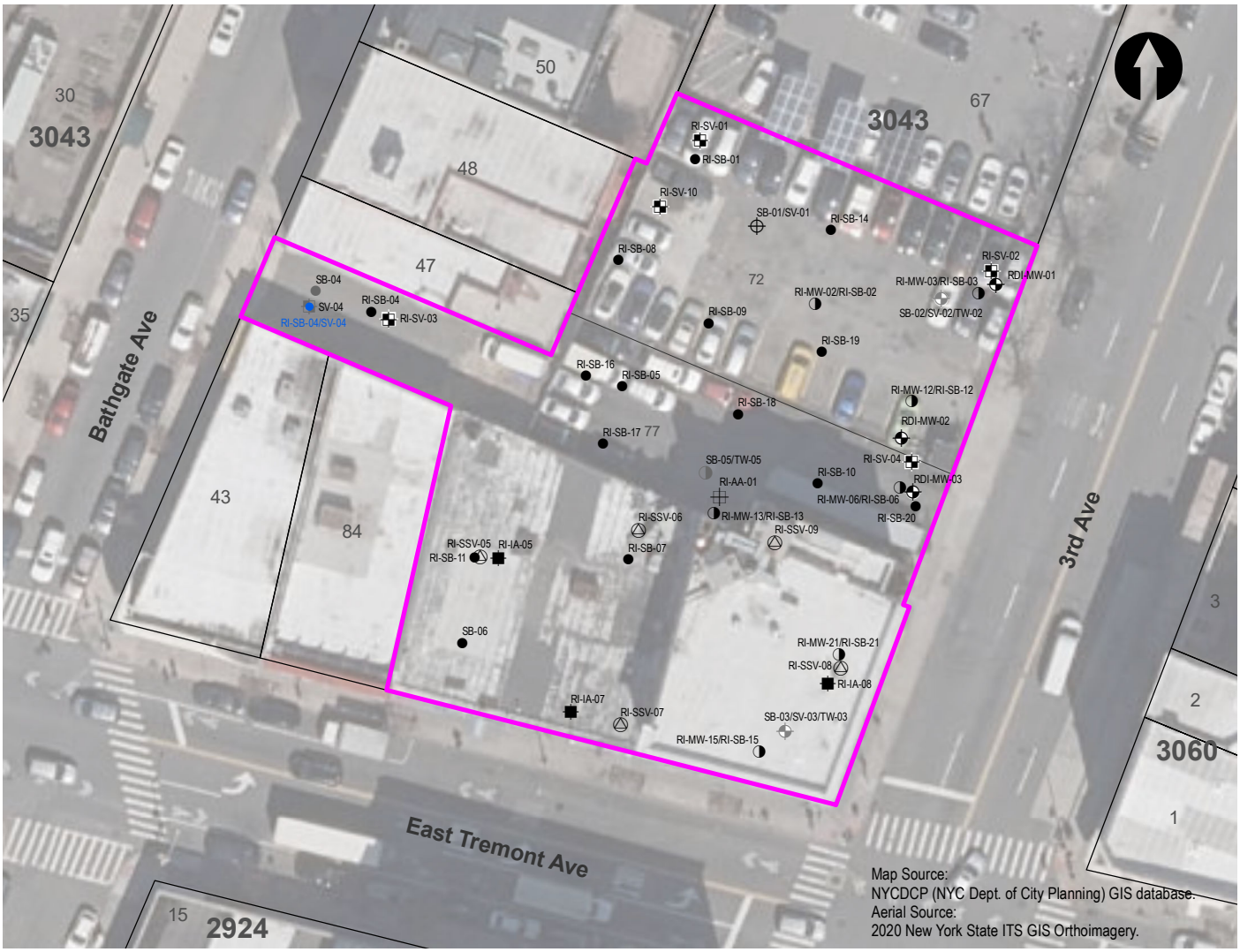
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8/2/2026

PROJECT NO.
190204

FIGURE
1

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LEGEND

- PROJECT SITE BOUNDARY
- 77 — LOT BOUNDARY AND TAX LOT NUMBER
- 3043 — BLOCK NUMBER
- SUBSURFACE INVESTIGATION SOIL BORING LOCATION (JULY 2019)
- SUBSURFACE INVESTIGATION SOIL BORING LOCATION/SOIL VAPOR LOCATION (JULY 2019)
- SUBSURFACE INVESTIGATION SOIL BORING LOCATION/TEMPORARY WELL/SOIL VAPOR LOCATION (JULY 2019)
- SUBSURFACE INVESTIGATION SOIL BORING LOCATION/TEMPORARY WELL LOCATION (JULY 2019)
- SUBSURFACE INVESTIGATION SOIL VAPOR LOCATION (JULY 2019)
- RI AMBIENT AIR SAMPLE LOCATION (FEBRUARY 2023)
- RI INDOOR AIR SAMPLE LOCATION (FEBRUARY 2023)
- RI MONITORING WELL/RI SOIL BORING LOCATION (FEBRUARY/SEPTEMBER/NOVEMBER 2023)
- RI SOIL BORING LOCATION (FEBRUARY/SEPTEMBER 2023)
- RI SUB-SLAB SOIL VAPOR POINT LOCATION (FEBRUARY/SEPTEMBER 2023)
- RI SOIL VAPOR POINT LOCATION (FEBRUARY/SEPTEMBER 2023)
- REMEDIAL DESIGN INVESTIGATION MONITORING WELL LOCATION (FEBRUARY 2025)
- RI SOIL BORING LOCATION/SOIL VAPOR LOCATION (SEPTEMBER 2023)

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SITE AND SAMPLE LOCATION PLAN

DATE **8/29/2026**
PROJECT NO. **190204**
FIGURE **2**

©2025 AKRF Q:\Projects\190204 - 521 EAST TREMONT AVENUE\Technical\GIS and Graphics\hazmat\RDI\190204 Fig 2 Site and Sample Location Plan.mxd 5/29/2025 8:30:50 AM mvelleux



Map Source:
SLCE Architects, LLP "CELLAR OVERALL PLAN", Drawing No. A-101.00, 09/08/2023.

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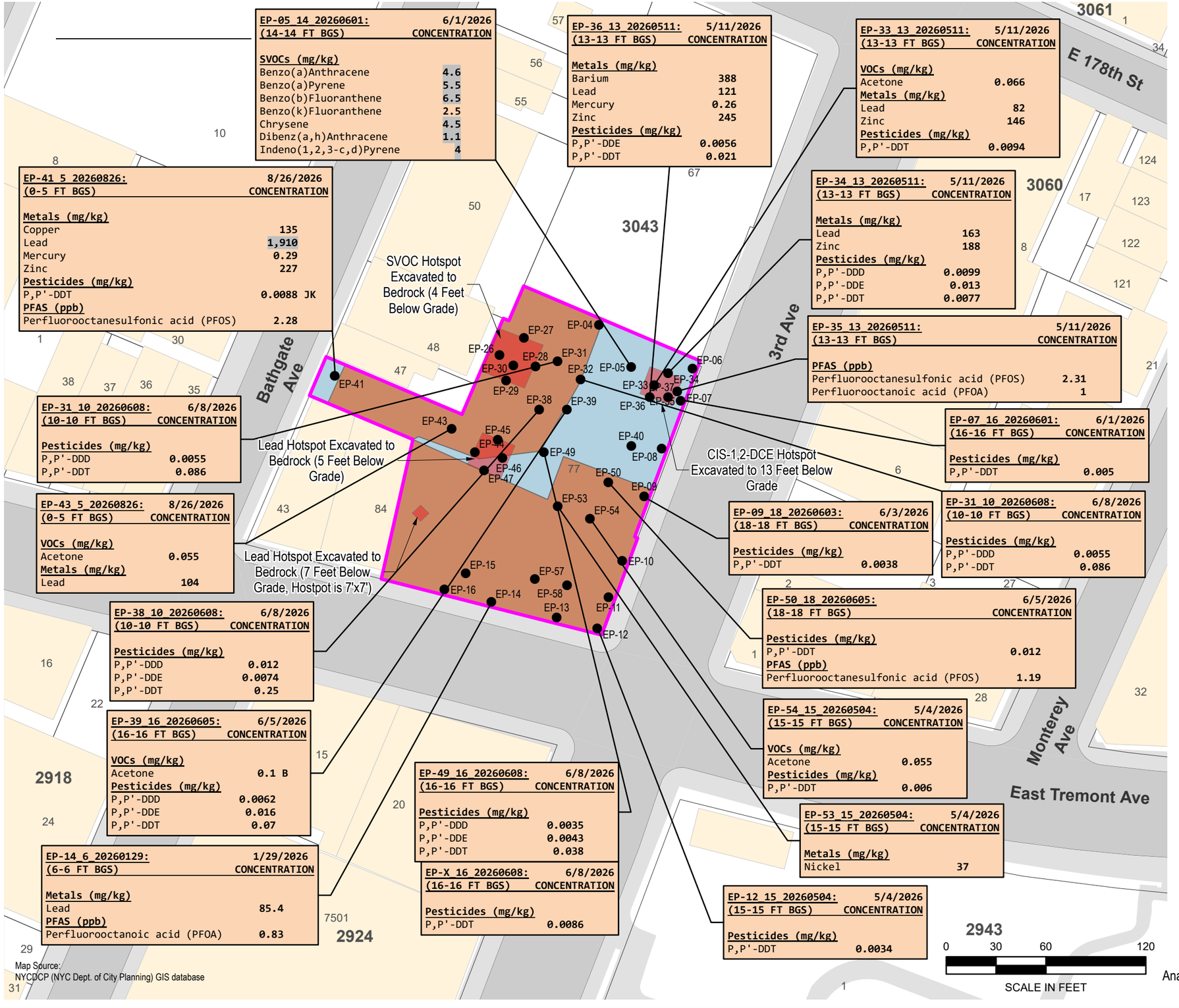
SITE PLAN WITH CLEANUP TRACK BOUNDARIES

DATE
10/1/2026

PROJECT NO.
190204

FIGURE
3

©2026 AKRF, Inc W:\Projects\190204 - 521 EAST TREMONT AVENUE\Technical\Hazmat\CAD\SMP\190204 Fig 2 Site Plan with Cleanup Track Boundaries.dwg last save: bhess 10/1/2026 11:57 AM



LEGEND

- BCP SITE BOUNDARY
- 77 LOT BOUNDARY AND TAX LOT NUMBER
- 3043 BLOCK NUMBER
- BUILDING
- ENDPOINT SAMPLE LOCATION
- TRACK 2 CLEANUP AREA
- TRACK 4 CLEANUP AREA

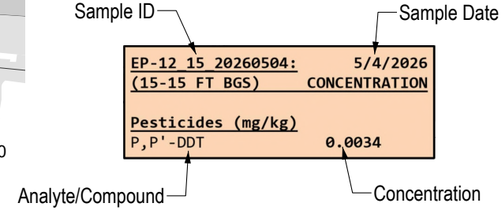
Part 375 Soil Cleanup Objectives (SCOs): SCOs listed in the New York State Department of Environmental Conservation (NYSDEC) "Part 375" Regulations (6 NYCRR Part 375).

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 grey shading.

mg/kg:milligrams per kilogram = parts per million (ppm)
B = Indicates the analyte is detected in the associated blank as well as in the sample.

	NYSDEC PFAS GUIDANCE VALUES Unrestricted (ppb)	PART 375 RESTRICTED RESIDENTIAL OLD (mg/kg)	PART 375 UNRESTRICTED OLD (mg/kg)
VOCs			
Acetone		100	0.05
SVOCs			
Benzo(a)Anthracene		1	1
Benzo(a)Pyrene		1	1
Benzo(b)Fluoranthene		1	1
Benzo(k)Fluoranthene		3.9	0.8
Chrysene		3.9	1
Dibenz(a,h)Anthracene		0.33	0.33
Indeno(1,2,3-c,d)Pyrene		0.5	0.5
Pesticides			
P,P'-DDD		13	0.0033
P,P'-DDE		8.9	0.0033
P,P'-DDT		7.9	0.0033
Metals			
Barium		400	350
Lead		400	63
Mercury		0.81	0.18
Nickel		310	30
Zinc		10,000	109
PFAS			
Perfluorooctanesulfonic acid (PFOS)	0.88		
Perfluorooctanoic acid (PFOA)	0.66		



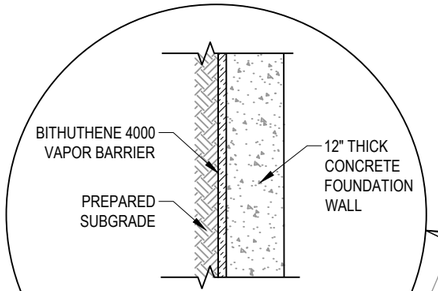
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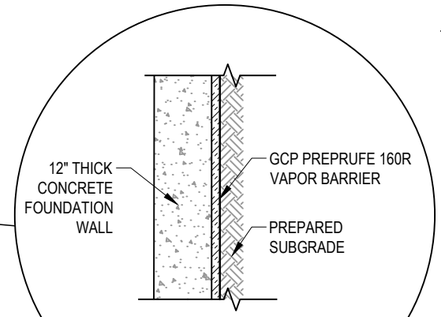
SOIL ENDPOINT SAMPLES WITH CONCENTRATIONS ABOVE UUSCOS AND RRSCOS AFTER REMEDIAL ACTION

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FIGURE
4

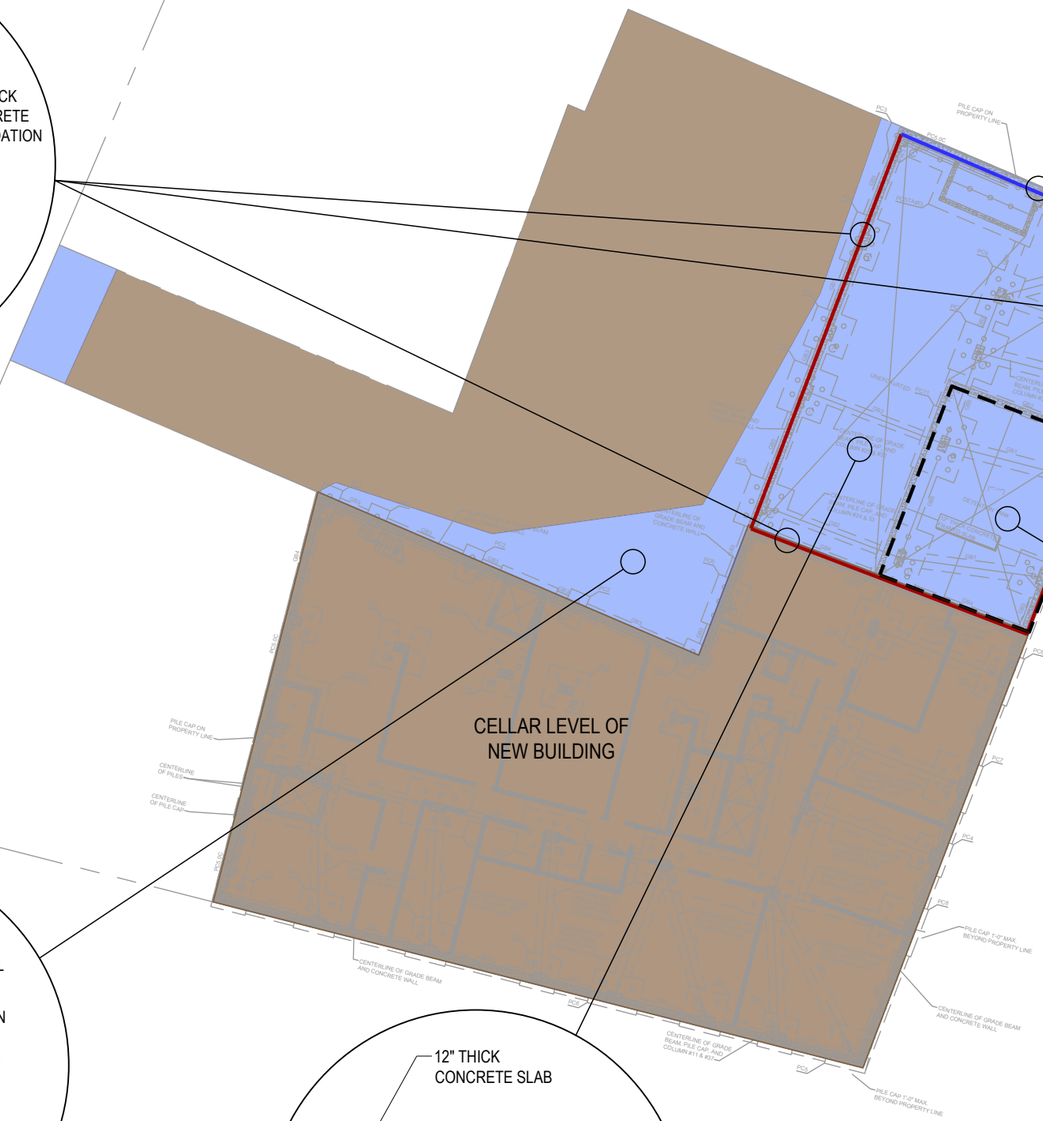
AKRF O:\Projects\190204 - 521 EAST TREMONT AVENUE\SAR\190204 SMP figures.aprx 10/1/2026 11:03 AM Fig 4 – Soil Endpoint Samples with Concentrations above UUSCOs and RRSCOs after Remedial Action jpeters

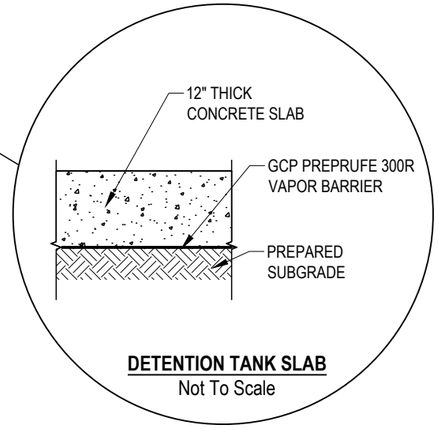


WESTERN, EASTERN, AND SOUTHERN FOUNDATION SIDEWALL
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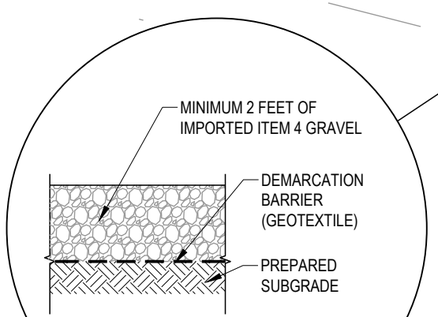


NORTHERN FOUNDATION SIDEWALL
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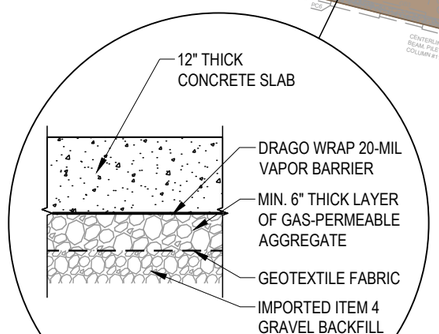




DETENTION TANK SLAB
Not To Scale



EXTERIOR AREAS
Not To Scale



BUILDING SLAB
Not To Scale

LEGEND

- DETENTION TANK
- WESTERN, EASTERN, AND SOUTHERN FOUNDATION SIDEWALL
- NORTHERN FOUNDATION SIDEWALL
- TRACK 2 CLEANUP AREA
- TRACK 4 CLEANUP AREA

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Map Source:
SLCE Architects, LLP "FOUNDATION FRAMING PLAN", Drawing No. FO-100.00, 09/29/2023.

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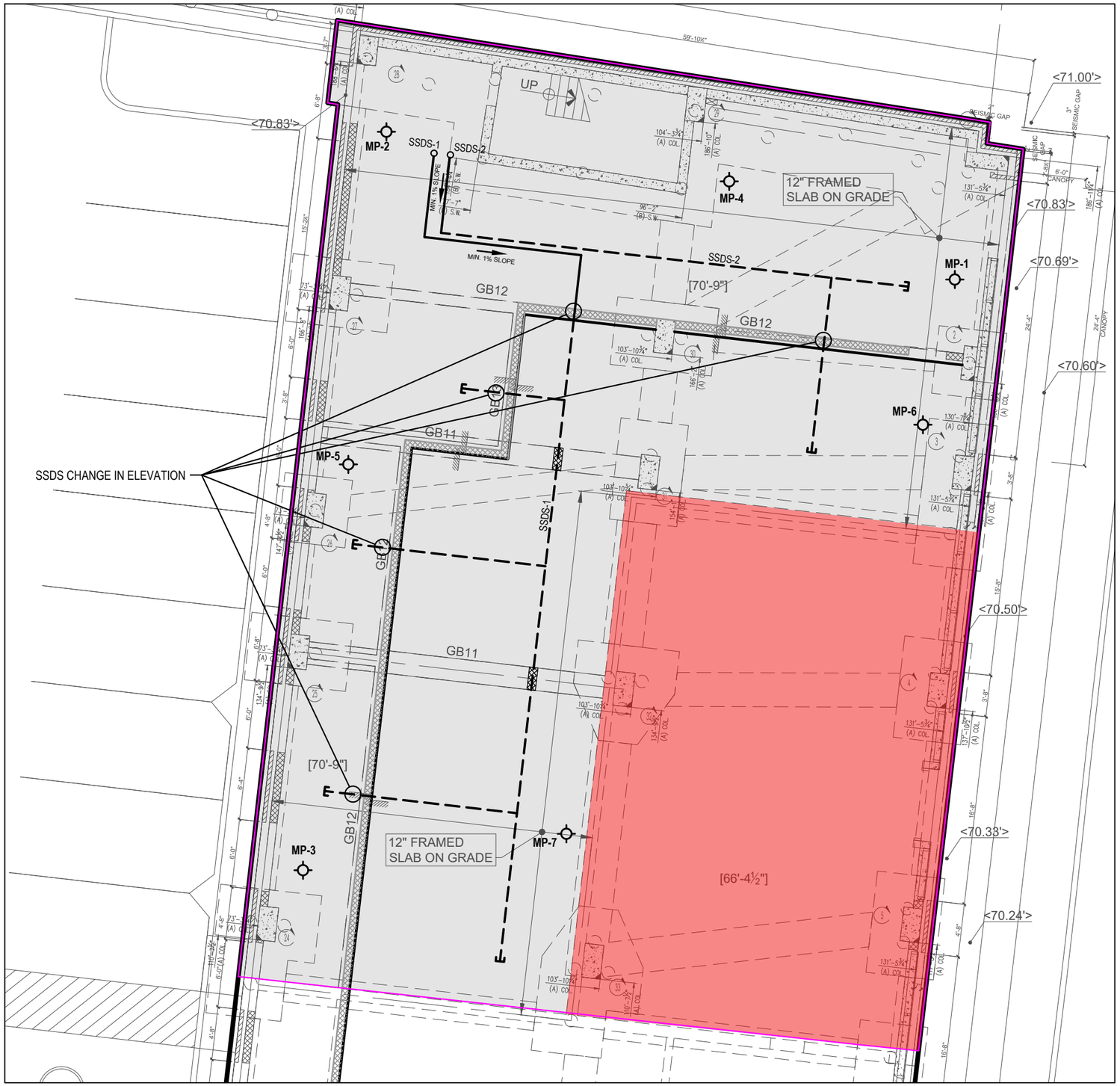
521 East Tremont Avenue
Bronx, New York

SITE COVER SYSTEM PLAN

DATE
10/1/2026

PROJECT NO.
190204

FIGURE
5



1 Fig 7 SUBSLAB DEPRESSURIZATION SYSTEM AND VAPOR BARRIER/WATERPROOFING LAYOUT



2 Fig 7 KEY MAP
SCALE: 1" = 60'

LEGEND

- EXTENT OF VAPOR BARRIER
- EXTENT OF SLAB-ON-GRADE PORTION OF NEW BUILDING
- EXTENT OF GAS PERMEABLE AGGREGATE UNDER SLAB
- EXTENT OF DETENTION TANK
- PIPE SLEEVE THROUGH GRADE BEAM
- 4" Ø SLOTTED SCHEDULE 40 PVC PIPE WITH PVC END CAP
- 4" Ø SOLID SCHEDULE 40 PVC PIPE
- SSDS-1 — 4" Ø RISER SLAB PENETRATION
- MP-1 — VACUUM MONITORING POINT

VACUUM MONITORING POINT LOCATIONS

ID	BUILDING ROOM NAME
MP-1	FRONT DESK
MP-2	STAIR B VESTIBULE
MP-3	WESTERN CORRIDOR
MP-4	RESIDENTIAL LOBBY
MP-5	WESTERN CORRIDOR
MP-6	RETAIL SPACE
MP-7	RETAIL SPACE

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Bronx, New York

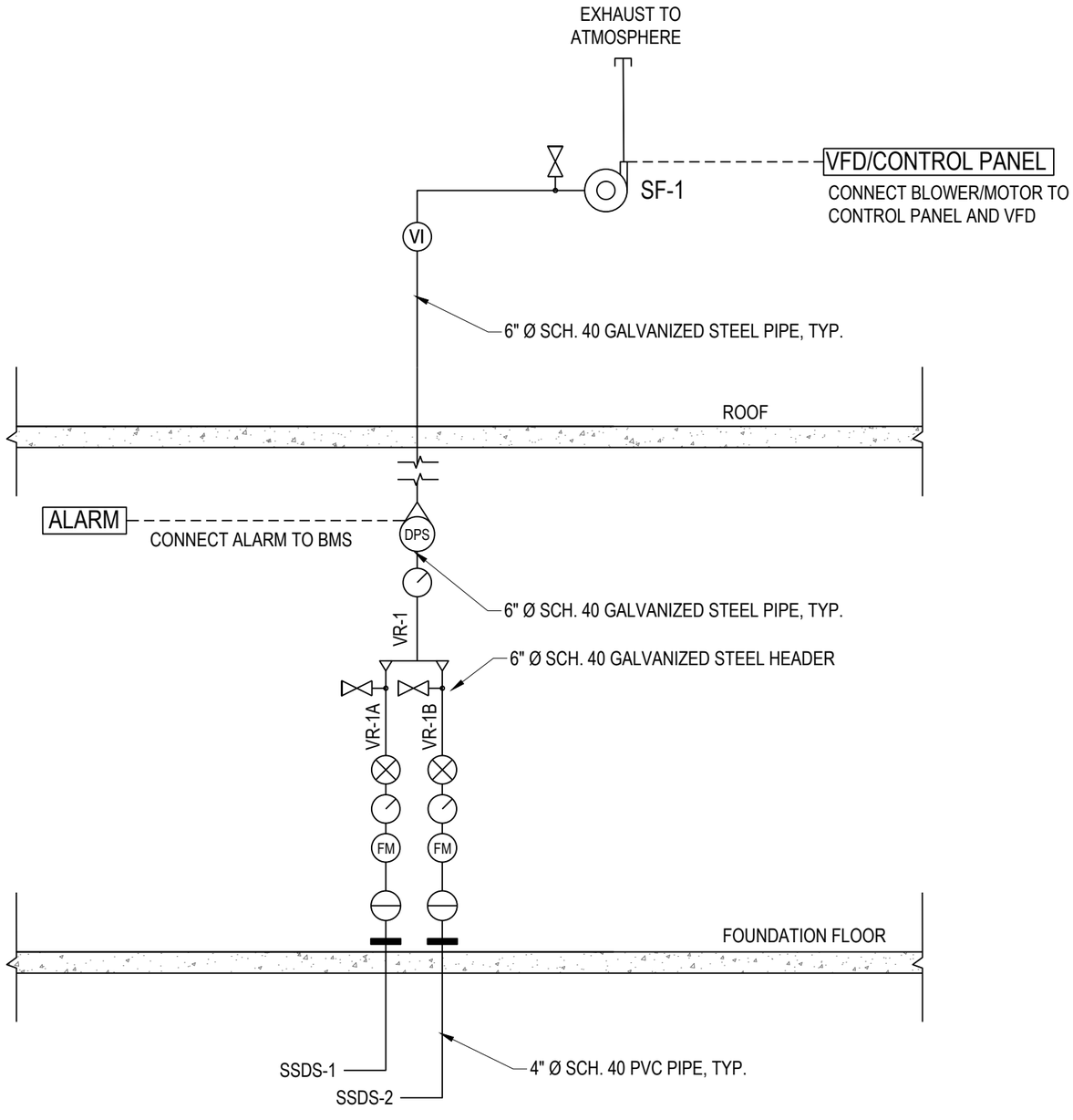
SSDS LAYOUT PLAN

DATE
10/1/2026

PROJECT NO.
190204

FIGURE
6

©2026 AKRF, Inc W:\Projects\190204 - 521 EAST TREMONT AVENUE\Technical\Hazmat\CAD\SMP\190204 Fig 7 SSDS Layout Plan.dwg last save: bhess 10/1/2026 10:36 AM



LEGEND

- PIPE
- ELECTRICAL CONDUIT (COORDINATE WITH OTHER TRADES)
- BLOWER
- DPS — DIFFERENTIAL PRESSURE SWITCH
- REDUCER
- FM — FLOW METER
- RAIN CAP
- BUTTERFLY VALVE
- CLEANOUT
- MAGNEHELIC GAUGE
- SAMPLE PORT
- VI — VACUUM INDICATOR
- HUSKY COUPLING

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521 East Tremont Avenue
Bronx, New York

SSDS PROCESS AND INSTRUMENTATION DIAGRAM

DATE
8/2/2026

PROJECT NO.
190204

FIGURE
7

©2026 AKRF, Inc Q:\Projects\190204 - 521 EAST TREMONT AVENUE\Technical\Hazmat\CAD\SMP\190204 Fig 8 SSDS Process and Instrumentation Diagram.dwg last save: mwelleux 8/2/2026 1:03 PM



Map Source:
NYCDCP (NYC Dept. of City Planning) GIS database.
Aerial Source:
2020 New York State ITS GIS Orthoimagery.

LEGEND

- BCP SITE BOUNDARY
- 77 — LOT BOUNDARY AND TAX LOT NUMBER
- 3043 — BLOCK NUMBER
- APPROXIMATE EXTENT OF GROUNDWATER TREATMENT AREA
- SINGLE SCREEN PERMANENT INJECTION WELL POINT
- DOUBLE SCREEN PERMANENT INJECTION WELL POINT
- INJECTION TUBES
- POST-REMEDIAL MONITORING WELL LOCATION

0 40 80
SCALE IN FEET

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521 East Tremont Avenue
Bronx, New York

GROUNDWATER INJECTION SYSTEM LAYOUT

DATE
10/1/2026
PROJECT NO.
190204
FIGURE
8

AKRF O:\Projects\190204 - 521 EAST TREMONT AVENUE\SAR\190204 SMP figures.aprx 10/1/2026 3:05 PM 190204 Fig 8 Permanent Groundwater Treatment Area jpeters



LEGEND

- BCP SITE BOUNDARY
- 77 — LOT BOUNDARY AND TAX LOT NUMBER
- 3043 — BLOCK NUMBER
- POST-REMEDIAL MONITORING WELL LOCATION
- GROUNDWATER ELEVATION CONTOUR LINE (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

Well ID	Top of Casing Elevation (ft.)	Depth to Groundwater (ft. below TOC)	Groundwater Elevation (ft.)
PMW-01S	68.59	13.3	55.29
PMW-02	69.66	12.08	57.58
PMW-03	68.49	12.25	56.24
PMW-04S	54.59	0.5	54.09

Notes:
ft. = feet
TOC = top of casing
Elevation = feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD88).

0 40 80
SCALE IN FEET

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521 East Tremont Avenue
Bronx, New York

SHALLOW GROUNDWATER ELEVATION CONTOUR MAP - AUGUST 2026

DATE
9/22/2026
PROJECT NO.
190204
FIGURE
9

9/22/2026 6:48 PM mveilleux
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TABLES

Table 1
521 East Tremont Avenue
Bronx, NY
List of Permits

Agency	Permit	Agency Phone Number
NYCDOB	New Building Permit	(212) 566-5000
	Demolition Permit	
	Support of Excavation Permit	
	Foundation Permit	
	Structural Permit	
	Plumbing Work Permit	
	After Hours Work Variance	
	Fence Permit	
	Sidewalk Shed Permit	
	Overhead Protection and Roof Protection Permit	
	Hoist Permit	
	Certificate of Occupancy	
NYCDEP	Hydrant Permit	(718) 595-7000
	Dust Mitigation Plan	
	Construction Noise Mitigation Plan	
	Stormwater Pollution Prevention Plan	
NYCDOT	NYCDOT Signoff	(212) 839-9561
	Temporary Construction Signs Permit	
	Temporary Pedestrian Walk Permit	
	Equipment in Roadway Permit	
	Temporary Security Structure	
	Occupancy of Sidewalk/Roadway Permit and Maintain Fence	
FDNY	Chemical Storage and Handling Permits	(718) 999-0711
	FDNY Signoff	

Notes:
NYCDOB – New York City Department of Buildings
NYSDEP – New York City Department of Environmental Protection
NYCDOT- New York City Department of Transportation
FDNY – Fire Department of New York

Table 2
521 East Tremont Avenue
Bronx, NY
SCOs for the Project

Volatile Organic Compounds (VOCs)	NYSDEC UUSCO (mg/kg)	NYSDEC RRSCO (mg/kg)	NYSDEC PGWSCO (mg/kg)
1,1,1-Trichloroethane	0.68	100	0.68
1,1,2,2-Tetrachloroethane	NS	NS	NS
1,1,2-Trichloro-1,2,2-Trifluoroethane	NS	NS	N/A
1,1,2-Trichloroethane	NS	NS	NS
1,1-Dichloroethane	0.27	26	0.27
1,1-Dichloroethene	0.33	100	0.33
1,2,3-Trichlorobenzene	NS	NS	N/A
1,2,4-Trichlorobenzene	NS	NS	N/A
1,2,4-Trimethylbenzene	3.6	52	N/A
1,2-Dibromo-3-Chloropropane	NS	NS	N/A
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	N/A
1,2-Dichlorobenzene	1.1	100	N/A
1,2-Dichloroethane	0.02	3.1	0.02
1,2-Dichloropropane	NS	NS	NS
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	N/A
1,3-Dichlorobenzene	2.4	49	N/A
1,4-Dichlorobenzene	1.8	13	N/A
2-Hexanone	NS	NS	N/A
Acetone	0.05	100	N/A
Benzene	0.06	4.8	N/A
Bromochloromethane	NS	NS	N/A
Bromodichloromethane	NS	NS	NS
Bromoform	NS	NS	N/A
Bromomethane	NS	NS	N/A
Carbon Disulfide	NS	NS	N/A
Carbon Tetrachloride	0.76	2.4	0.76
Chlorobenzene	1.1	100	1.1
Chloroethane	NS	NS	NS
Chloroform	0.37	49	0.37
Chloromethane	NS	NS	NS
Cis-1,2-Dichloroethylene	0.25	100	0.25
Cis-1,3-Dichloropropene	NS	NS	NS
Cyclohexane	NS	NS	N/A
Dibromochloromethane	NS	NS	NS
Dichlorodifluoromethane	NS	NS	N/A
Ethylbenzene	1	41	N/A
Isopropylbenzene (Cumene)	NS	NS	N/A
M,P-Xylenes	NS	NS	N/A
Methyl Acetate	NS	NS	N/A
Methyl Ethyl Ketone (2-Butanone)	0.12	100	N/A
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	N/A
Methylcyclohexane	NS	NS	N/A
Methylene Chloride	0.05	100	0.05
N-Butylbenzene	12	100	N/A
N-Propylbenzene	3.9	100	N/A
O-Xylene (1,2-Dimethylbenzene)	NS	NS	N/A
Sec-Butylbenzene	11	100	N/A
Styrene	NS	NS	N/A

Table 2
521 East Tremont Avenue
Bronx, NY
SCOs for the Project

Volatile Organic Compounds (VOCs)	NYSDEC UUSCO (mg/kg)	NYSDEC RRSCO (mg/kg)	NYSDEC PGWSCO (mg/kg)
T-Butylbenzene	5.9	100	N/A
Tert-Butyl Methyl Ether	0.93	100	N/A
Tetrachloroethylene (PCE)	1.3	19	1.3
Toluene	0.7	100	N/A
Trans-1,2-Dichloroethene	0.19	100	0.19
Trans-1,3-Dichloropropene	NS	NS	NS
Trichloroethylene (TCE)	0.47	21	0.47
Trichlorofluoromethane	NS	NS	N/A
Vinyl Chloride	0.02	0.9	0.02
Xylenes, Total	0.26	100	N/A
Semivolatile Organic Compounds (SVOCs)	**NYSDEC UUSCO (mg/kg)**	**NYSDEC RRSCO (mg/kg)**	**NYSDEC PGWSCO (mg/kg)**
1,2,4,5-Tetrachlorobenzene	NS	NS	N/A
1,4-Dioxane (P-Dioxane)	0.1	13	N/A
2,3,4,6-Tetrachlorophenol	NS	NS	N/A
2,4,5-Trichlorophenol	NS	NS	N/A
2,4,6-Trichlorophenol	NS	NS	N/A
2,4-Dichlorophenol	NS	NS	N/A
2,4-Dimethylphenol	NS	NS	N/A
2,4-Dinitrophenol	NS	NS	N/A
2,4-Dinitrotoluene	NS	NS	N/A
2,6-Dinitrotoluene	NS	NS	N/A
2-Chloronaphthalene	NS	NS	N/A
2-Chlorophenol	NS	NS	N/A
2-Methylnaphthalene	NS	NS	N/A
2-Methylphenol (O-Cresol)	0.33	100	N/A
2-Nitroaniline	NS	NS	N/A
2-Nitrophenol	NS	NS	N/A
3- And 4- Methylphenol (Total)	NS	NS	N/A
3,3'-Dichlorobenzidine	NS	NS	N/A
3-Nitroaniline	NS	NS	N/A
4,6-Dinitro-2-Methylphenol	NS	NS	N/A
4-Bromophenyl Phenyl Ether	NS	NS	N/A
4-Chloro-3-Methylphenol	NS	NS	N/A
4-Chloroaniline	NS	NS	N/A
4-Chlorophenyl Phenyl Ether	NS	NS	N/A
4-Methylphenol (P-Cresol)	0.33	100	N/A
4-Nitroaniline	NS	NS	N/A
4-Nitrophenol	NS	NS	N/A
Acenaphthene	20	100	N/A
Acenaphthylene	100	100	N/A
Acetophenone	NS	NS	N/A
Anthracene	100	100	N/A
Atrazine	NS	NS	N/A
Benzaldehyde	NS	NS	N/A
Benzo(a)Anthracene	1	1	N/A
Benzo(a)Pyrene	1	1	N/A
Benzo(b)Fluoranthene	1	1	N/A
Benzo(g,h,i)Perylene	100	100	N/A

Table 2
521 East Tremont Avenue
Bronx, NY
SCOs for the Project

Semivolatile Organic Compounds (SVOCs)	NYSDEC UUSCO (mg/kg)	NYSDEC RRSCO (mg/kg)	NYSDEC PGWSCO (mg/kg)
Benzo(k)Fluoranthene	0.8	3.9	N/A
Benzyl Butyl Phthalate	NS	NS	N/A
Biphenyl (Diphenyl)	NS	NS	N/A
Bis(2-Chloroethoxy) Methane	NS	NS	N/A
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	N/A
Bis(2-Chloroisopropyl) Ether	NS	NS	N/A
Bis(2-Ethylhexyl) Phthalate	NS	NS	N/A
Caprolactam	NS	NS	N/A
Carbazole	NS	NS	N/A
Chrysene	1	3.9	N/A
Dibenz(a,h)Anthracene	0.33	0.33	N/A
Dibenzofuran	7	59	N/A
Diethyl Phthalate	NS	NS	N/A
Dimethyl Phthalate	NS	NS	N/A
Di-N-Butyl Phthalate	NS	NS	N/A
Di-N-Octylphthalate	NS	NS	N/A
Fluoranthene	100	100	N/A
Fluorene	30	100	N/A
Hexachlorobenzene	0.33	1.2	N/A
Hexachlorobutadiene	NS	NS	N/A
Hexachlorocyclopentadiene	NS	NS	N/A
Hexachloroethane	NS	NS	N/A
Indeno(1,2,3-c,d)Pyrene	0.5	0.5	N/A
Isophorone	NS	NS	N/A
Naphthalene	12	100	N/A
Nitrobenzene	NS	NS	N/A
N-Nitrosodi-N-Propylamine	NS	NS	N/A
N-Nitrosodiphenylamine	NS	NS	N/A
Pentachlorophenol	0.8	6.7	N/A
Phenanthrene	100	100	N/A
Phenol	0.33	100	N/A
Pyrene	100	100	N/A
TAL Metals	**NYSDEC UUSCO (mg/kg)**	**NYSDEC RRSCO (mg/kg)**	**NYSDEC PGWSCO (mg/kg)**
Aluminum	NS	NS	N/A
Antimony	NS	NS	N/A
Arsenic	13	16	N/A
Barium	350	400	N/A
Beryllium	7.2	72	N/A
Cadmium	2.5	4.3	N/A
Calcium	NS	NS	N/A
Chromium, Total	NS	NS	N/A
Cobalt	NS	NS	N/A
Copper	50	270	N/A
Iron	NS	NS	N/A
Lead	63	400	N/A
Magnesium	NS	NS	N/A
Manganese	1,600	2,000	N/A
Mercury	0.18	0.81	N/A

Table 2
521 East Tremont Avenue
Bronx, NY
SCOs for the Project

TAL Metals	**NYSDEC UUSCO (mg/kg)**	**NYSDEC RRSCO (mg/kg)**	**NYSDEC PGWSCO (mg/kg)**
Nickel	30	310	N/A
Potassium	NS	NS	N/A
Selenium	3.9	180	N/A
Silver	2	180	N/A
Sodium	NS	NS	N/A
Thallium	NS	NS	N/A
Vanadium	NS	NS	N/A
Zinc	**109**	10,000	N/A
Polychlorinated Biphenyls (PCBs)	**NYSDEC UUSCO (mg/kg)**	**NYSDEC RRSCO (mg/kg)**	**NYSDEC PGWSCO (mg/kg)**
PCB-1016 (Aroclor 1016)	NS	NS	N/A
PCB-1221 (Aroclor 1221)	NS	NS	N/A
PCB-1232 (Aroclor 1232)	NS	NS	N/A
PCB-1242 (Aroclor 1242)	NS	NS	N/A
PCB-1248 (Aroclor 1248)	NS	NS	N/A
PCB-1254 (Aroclor 1254)	NS	NS	N/A
PCB-1260 (Aroclor 1260)	NS	NS	N/A
PCB-1262 (Aroclor 1262)	NS	NS	N/A
PCB-1268 (Aroclor 1268)	NS	NS	N/A
Total PCBs	0.1	1	N/A
Pesticides	**NYSDEC UUSCO (mg/kg)**	**NYSDEC RRSCO (mg/kg)**	**NYSDEC PGWSCO (mg/kg)**
Aldrin	0.005	0.097	N/A
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	N/A
Alpha Endosulfan	NS	NS	N/A
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	N/A
Beta Endosulfan	NS	NS	N/A
cis-Chlordane	0.094	4.2	N/A
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	N/A
Dieldrin	0.005	0.2	N/A
Endosulfan Sulfate	NS	NS	N/A
Endosulfans ABS	2.4	24	N/A
Endrin	0.014	11	N/A
Endrin Aldehyde	NS	NS	N/A
Endrin Ketone	NS	NS	N/A
Gamma Bhc (Lindane)	0.1	1.3	N/A
Heptachlor	0.042	2.1	N/A
Heptachlor Epoxide	NS	NS	N/A
Methoxychlor	NS	NS	N/A
P,P'-DDD	0.0033	13	N/A
P,P'-DDE	0.0033	8.9	N/A
P,P'-DDT	0.0033	7.9	N/A
Toxaphene	NS	NS	N/A

Table 2
521 East Tremont
Bronx, New York
Notes

Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs):
UUSCOs, RRSCOs, and PGWSCOs listed in the New York State Department of Environmental Conservation (NYSDEC) Part 375 Regulations (6 NYCRR Part 375), Table 375-6.8(a).

NS : A standard has not been established for the analyte.

N/A : Not applicable.

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

Table 3
521 East Tremont Avenue
Bronx, NY
Outgoing Truck Tracking Log

Date	Manifest Number	On-Site Location	Destination Facility	Net Weight Listed on Final Manifest (tons)
1/23/2026	982094	WC-08(0-7')	Bayshore Soil Management	28.69
1/23/2026	982097	WC-08(0-7')	Bayshore Soil Management	29.02
1/23/2026	982095	WC-08(0-7')	Bayshore Soil Management	24.77
1/23/2026	982096	WC-08(0-7')	Bayshore Soil Management	29.22
1/23/2026	982099	WC-08(0-7')	Bayshore Soil Management	29.16
1/23/2026	982098	WC-08(0-7')	Bayshore Soil Management	29.01
1/23/2026	982100	WC-08(0-7')	Bayshore Soil Management	28.81
1/23/2026	982101	WC-08(0-7')	Bayshore Soil Management	28.74
1/23/2026	982102	WC-08(0-7')	Bayshore Soil Management	28.86
1/23/2026	982103	WC-08(0-7')	Bayshore Soil Management	31.52
1/23/2026	982104	WC-08(0-7')	Bayshore Soil Management	28.25
1/23/2026	982105	WC-08(0-7')	Bayshore Soil Management	30.8
1/23/2026	982106	WC-08(0-7')	Bayshore Soil Management	31.1
1/23/2026	982107	WC-08(0-7')	Bayshore Soil Management	30.75
1/23/2026	982108	WC-08(0-7')	Bayshore Soil Management	28.85
1/23/2026	982193	WC-08(0-7')	Bayshore Soil Management	28.66
1/28/2026	982113	WC-08(0-7')	Bayshore Soil Management	21.89
1/28/2026	982111	WC-08(0-7')	Bayshore Soil Management	22.23
1/28/2026	982110	WC-08(0-7')	Bayshore Soil Management	23.54
1/28/2026	982109	WC-08(0-7')	Bayshore Soil Management	25.99
1/28/2026	982112	WC-08(0-7')	Bayshore Soil Management	19.62
1/29/2026	982123	WC-01(0-4')	Bayshore Soil Management	24.16
1/29/2026	982122	WC-08(0-7')	Bayshore Soil Management	25.05
1/29/2026	982121	WC-08(0-7')	Bayshore Soil Management	28.26
1/29/2026	982119	WC-08(0-7')	Bayshore Soil Management	28.8
1/29/2026	982120	WC-08(0-7')	Bayshore Soil Management	26.72
1/29/2026	982114	WC-01(0-4')	Bayshore Soil Management	21.63
1/29/2026	982115	WC-01(0-4')	Bayshore Soil Management	30.48
1/29/2026	982116	WC- 01 (0-4')	Bayshore Soil Management	27.71
1/29/2026	982117	WC- 01 (0-4')	Bayshore Soil Management	16.48
1/29/2026	982118	WC-01(0-4')	Bayshore Soil Management	24.53
1/30/2026	982124	WC-06(3-6')	Bayshore Soil Management	29.12
1/30/2026	982125	WC-06(3-6')	Bayshore Soil Management	29.15
1/30/2026	982126	WC-06(3-6')	Bayshore Soil Management	29.10
2/2/2026	982136	WC-06(3-6')	Bayshore Soil Management	24.76
2/2/2026	982129	WC-06(3-6')	Bayshore Soil Management	29.25
2/2/2026	982130	WC-06(3-6')	Bayshore Soil Management	29.55
2/2/2026	982131	WC-01(0-4')	Bayshore Soil Management	22
2/2/2026	982132	WC-01(0-4')	Bayshore Soil Management	22
2/2/2026	982133	WC-01(0-4')	Bayshore Soil Management	25.26
2/2/2026	982134	WC-HOTSPOT-02	Bayshore Soil Management	24.92
2/2/2026	982135	WC-HOTSPOT-02	Bayshore Soil Management	28.6
2/2/2026	982137	WC-HOTSPOT-02	Bayshore Soil Management	31.59
2/2/2026	982138	WC-01(0-4')	Bayshore Soil Management	29.55
2/2/2026	982139	WC-01(0-4')	Bayshore Soil Management	28.37
2/2/2026	982141	WC-01(0-4')	Bayshore Soil Management	22.53
2/2/2026	982140	WC-01(0-4')	Bayshore Soil Management	23.78
2/3/2026	27420555	RI-SB-11	Republic Environmental Systems	21.89
2/3/2026	982142	WC-01(0-4')	Bayshore Soil Management	30.84
2/3/2026	982143	WC-01(0-4')	Bayshore Soil Management	31.08
2/3/2026	982149	WC-01(0-4')	Bayshore Soil Management	31.52
2/3/2026	982148	WC-01(0-4')	Bayshore Soil Management	31.88
2/3/2026	982147	WC-01(0-4')	Bayshore Soil Management	32.52
2/3/2026	982144	WC-01(0-4')	Bayshore Soil Management	31.05
2/3/2026	982145	WC-01(0-4')	Bayshore Soil Management	31.06
2/3/2026	982146	WC-01(0-4')	Bayshore Soil Management	34.21
2/4/2026	27420556	WC-HOTSPOT-03	Republic Environmental Systems	21.88
2/4/2026	27420557	WC-HOTSPOT-03	Republic Environmental Systems	21.67
2/4/2026	27420558	WC-HOTSPOT-03	Republic Environmental Systems	20.28
2/4/2026	27420559	WC-HOTSPOT-03	Republic Environmental Systems	20.57
2/4/2026	27420561	WC-HOTSPOT-03	Republic Environmental Systems	20.72
2/4/2026	27420563	WC-HOTSPOT-03	Republic Environmental Systems	21.27
2/4/2026	27420565	WC-HOTSPOT-03	Republic Environmental Systems	22.45
2/4/2026	27420564	WC-HOTSPOT-03	Republic Environmental Systems	19.19
2/4/2026	27420560	WC-HOTSPOT-03	Republic Environmental Systems	20.28

Table 3
521 East Tremont Avenue
Bronx, NY
Outgoing Truck Tracking Log

Date	Manifest Number	On-Site Location	Destination Facility	Net Weight Listed on Final Manifest (tons)
2/4/2026	982150	WC-01(0-4')	Bayshore Soil Management	25.33
2/4/2026	982151	WC-01(0-4')	Bayshore Soil Management	29.1
2/4/2026	982152	WC-01(0-4')	Bayshore Soil Management	27.45
2/4/2026	982153	WC-01(0-4')	Bayshore Soil Management	30.01
2/4/2026	982154	WC-01(0-4')	Bayshore Soil Management	25.99
2/5/2026	27420566	WC-HOTSPOT-03	Republic Environmental Systems	22.55
2/5/2026	982159	WC-06(3-6')	Bayshore Soil Management	36.82
2/5/2026	982160	WC-06(3-6')	Bayshore Soil Management	32.84
2/5/2026	982161	WC-06(3-6')	Bayshore Soil Management	30.2
2/5/2026	982163	WC-06(3-6')	Bayshore Soil Management	29.93
2/5/2026	982164	WC-01(0-4')	Bayshore Soil Management	23.67
2/5/2026	982162	WC-06(3-6')	Bayshore Soil Management	26.54
2/5/2026	982158	WC-01(0-4')	Bayshore Soil Management	28.26
2/5/2026	982155	WC-06(3-6')	Bayshore Soil Management	27.2
2/5/2026	982157	WC-06(3-6')	Bayshore Soil Management	27.95
2/5/2026	982156	WC-01(0-4')	Bayshore Soil Management	27.86
2/5/2026	982172	WC-06(3-6')	Bayshore Soil Management	30.16
2/5/2026	982171	WC-06(3-6')	Bayshore Soil Management	30.7
2/5/2026	982165	WC-06(3-6')	Bayshore Soil Management	27.78
2/5/2026	982167	WC-06(3-6')	Bayshore Soil Management	28.99
2/5/2026	982166	WC-06(3-6')	Bayshore Soil Management	30.48
2/5/2026	982168	WC-06(3-6')	Bayshore Soil Management	30.4
2/6/2026	982174	WC-06(3-6')	Bayshore Soil Management	30.73
2/6/2026	982175	WC-06(3-6')	Bayshore Soil Management	31.86
2/6/2026	982173	WC-06(3-6')	Bayshore Soil Management	30.17
2/6/2026	982176	WC-06(3-6')	Bayshore Soil Management	29
2/6/2026	982177	WC-06(3-6')	Bayshore Soil Management	27.63
2/6/2026	982179	WC-06(3-6')	Bayshore Soil Management	27.36
2/6/2026	982180	WC-06(3-6')	Bayshore Soil Management	27
2/6/2026	982181	WC-06(3-6')	Bayshore Soil Management	34.96
2/6/2026	982182	WC-06(3-6')	Bayshore Soil Management	34.31
2/6/2026	982178	WC-06(3-6')	Bayshore Soil Management	26.71
2/6/2026	982183	WC-03(0-8')	Bayshore Soil Management	34.96
2/6/2026	982184	WC-03(0-8')	Bayshore Soil Management	34.35
2/6/2026	982185	WC-03(0-8')	Bayshore Soil Management	28.92
2/6/2026	982187	WC-03(0-8')	Bayshore Soil Management	33.29
2/6/2026	982186	WC-03(0-8')	Bayshore Soil Management	30.29
2/6/2026	982188	WC-03(0-8')	Bayshore Soil Management	33.25
2/9/2026	982191	WC-04(0-5')	Bayshore Soil Management	30.79
2/9/2026	982192	WC-04(0-5')	Bayshore Soil Management	29.25
2/9/2026	982190	WC-04(0-5')	Bayshore Soil Management	28.15
2/9/2026	982189	WC-04(0-5')	Bayshore Soil Management	30.95
2/9/2026	950280	WC-04(0-5')	Bayshore Soil Management	30
2/9/2026	950282	WC-04(0-5')	Bayshore Soil Management	30.15
2/9/2026	950281	WC-04(0-5')	Bayshore Soil Management	30.5
2/9/2026	950283	WC-04(0-5')	Bayshore Soil Management	29.88
2/9/2026	950284	WC-04(0-5')	Bayshore Soil Management	27.63
2/9/2026	954312	WC-04(0-5')	Bayshore Soil Management	27.21
2/9/2026	954311	WC-04(0-5')	Bayshore Soil Management	28.56
2/9/2026	954310	WC-04(0-5')	Bayshore Soil Management	27.22
2/9/2026	954309	WC-04(0-5')	Bayshore Soil Management	28.09
2/9/2026	954303	WC-04(0-5')	Bayshore Soil Management	28.28
2/9/2026	954304	WC-04(0-5')	Bayshore Soil Management	29.35
2/9/2026	954308	WC-06(3-6')	Bayshore Soil Management	27.9
2/9/2026	954307	WC-06(3-6')	Bayshore Soil Management	27.34
2/9/2026	954306	WC-06(3-6')	Bayshore Soil Management	29.24
2/9/2026	982170	WC-06(3-6')	Bayshore Soil Management	31.5
2/9/2026	954305	WC-06(3-6')	Bayshore Soil Management	33.59
2/10/2026	954213	WC-03(0-8')	Bayshore Soil Management	27.69
2/10/2026	954216	WC-06(3-6')	Bayshore Soil Management	27.53
2/10/2026	954214	WC-03(0-8')	Bayshore Soil Management	30.54
2/10/2026	954218	WC-06(3-6')	Bayshore Soil Management	34.42
2/10/2026	954217	WC-06(3-6')	Bayshore Soil Management	33.06
2/10/2026	954215	WC-03(0-8')	Bayshore Soil Management	30.92
2/13/2026	954295	WC-05(0-10')	Bayshore Soil Management	30.41

Table 3
521 East Tremont Avenue
Bronx, NY
Outgoing Truck Tracking Log

Date	Manifest Number	On-Site Location	Destination Facility	Net Weight Listed on Final Manifest (tons)
2/13/2026	954296	WC-05(0-10')	Bayshore Soil Management	30.36
2/13/2026	954302	WC-05(0-10')	Bayshore Soil Management	25.99
2/13/2026	954301	WC-05(0-10')	Bayshore Soil Management	28.62
2/13/2026	954300	WC-05(0-10')	Bayshore Soil Management	31.33
2/13/2026	954299	WC-05(0-10')	Bayshore Soil Management	28.62
2/13/2026	954298	WC-05(0-10')	Bayshore Soil Management	26.79
2/13/2026	954297	WC-05(0-10')	Bayshore Soil Management	26.58
2/16/2026	954294	WC-01(0-4')	Bayshore Soil Management	33.06
2/16/2026	954293	WC-01(0-4')	Bayshore Soil Management	29.82
2/16/2026	954292	WC-04(0-5')	Bayshore Soil Management	30.68
2/16/2026	954291	WC-04(0-5')	Bayshore Soil Management	30.9
2/16/2026	954288	WC-04(0-5')	Bayshore Soil Management	30.27
2/16/2026	954289	WC-03(0-8')	Bayshore Soil Management	30.37
2/16/2026	954287	WC-01(0-4')	Bayshore Soil Management	31.52
2/16/2026	954290	WC-04(0-5')	Bayshore Soil Management	30.82
2/17/2026	954285	WC-01(0-4')	Bayshore Soil Management	27.18
2/17/2026	954284	WC-01(0-4')	Bayshore Soil Management	32.35
2/17/2026	954283	WC-01(0-4')	Bayshore Soil Management	32.86
2/17/2026	954281	WC-04(0-5')	Bayshore Soil Management	30.77
2/17/2026	954282	WC-01(0-4')	Bayshore Soil Management	34.51
2/17/2026	954277	WC-03(0-8')	Bayshore Soil Management	34.39
2/17/2026	954278	WC-01(0-4')	Bayshore Soil Management	27.98
2/17/2026	954279	WC-03(0-8')	Bayshore Soil Management	26.73
2/17/2026	954286	WC-03(0-8')	Bayshore Soil Management	28.43
2/18/2026	595958	WC-02(0-8')	Posillico Materials	30.74
2/18/2026	595959	WC-02(0-8')	Posillico Materials	31.64
2/18/2026	595960	WC-02(0-8')	Posillico Materials	28.46
2/18/2026	595962	WC-02(0-8')	Posillico Materials	31.58
2/18/2026	595963	WC-02(0-8')	Posillico Materials	22
2/18/2026	595968	WC-02(0-8')	Posillico Materials	34.81
2/18/2026	954280	WC-03(0-8')	Bayshore Soil Management	29.24
2/18/2026	5105249	HOT SPOT-01 (0-13')	Conestoga Landfill	21.08
2/18/2026	5105250	HOT SPOT-01 (0-13')	Conestoga Landfill	19.13
2/18/2026	5105251	HOT SPOT-01 (0-13')	Conestoga Landfill	18.46
2/18/2026	5105252	HOT SPOT-01 (0-13')	Conestoga Landfill	16.78
2/18/2026	5105253	HOT SPOT-01 (0-13')	Conestoga Landfill	17.96
2/18/2026	5105254	HOT SPOT-01 (0-13')	Conestoga Landfill	19.98
2/18/2026	5105255	HOT SPOT-01 (0-13')	Conestoga Landfill	17.13
2/18/2026	5105256	HOT SPOT-01 (0-13')	Conestoga Landfill	18.31
2/18/2026	5105257	HOT SPOT-01 (0-13')	Conestoga Landfill	20.62
2/19/2026	595983	WC-02(0-8')	Posillico Materials	28.88
2/19/2026	595984	WC-02(0-8')	Posillico Materials	29.03
2/19/2026	595985	WC-02(0-8')	Posillico Materials	28.46
2/19/2026	595986	WC-02(0-8')	Posillico Materials	32.77
2/19/2026	595988	WC-02(0-8')	Posillico Materials	30.27
2/19/2026	595989	WC-02(0-8')	Posillico Materials	28.66
2/19/2026	595991	WC-02(0-8')	Posillico Materials	29.87
2/19/2026	595992	WC-02(0-8')	Posillico Materials	29.17
2/19/2026	954223	WC-03(0-8')	Bayshore Soil Management	29.03
2/19/2026	954222	WC-03(0-8')	Bayshore Soil Management	29.48
2/19/2026	954221	WC-03(0-8')	Bayshore Soil Management	32.56
2/19/2026	982169	WC-03(0-8')	Bayshore Soil Management	33.02
2/19/2026	954220	WC-03(0-8')	Bayshore Soil Management	34.06
2/19/2026	954219	WC-03(0-8')	Bayshore Soil Management	27.62
2/20/2026	954224	WC-03 and WC-04	Bayshore Soil Management	35.75
2/20/2026	954225	WC-03 and WC-04	Bayshore Soil Management	33.82
2/20/2026	954227	WC-03 and WC-04	Bayshore Soil Management	28.24
2/20/2026	954226	WC-03 and WC-04	Bayshore Soil Management	35.39
2/20/2026	954228	WC-03 and WC-04	Bayshore Soil Management	34.21
2/20/2026	954229	WC-03 and WC-04	Bayshore Soil Management	34.6
2/25/2026	954230	WC-05(0-10')	Bayshore Soil Management	35.19
2/25/2026	954231	WC-05(0-10')	Bayshore Soil Management	33.74
2/25/2026	954232	WC-04(0-5')	Bayshore Soil Management	30.98
2/25/2026	954233	WC-04(0-5')	Bayshore Soil Management	28.06
2/25/2026	954234	WC-04(0-5')	Bayshore Soil Management	34.02

Table 3
521 East Tremont Avenue
Bronx, NY
Outgoing Truck Tracking Log

Date	Manifest Number	On-Site Location	Destination Facility	Net Weight Listed on Final Manifest (tons)
2/25/2026	954235	WC-04(0-5')	Bayshore Soil Management	32.2
2/26/2026	0240533	WC-04(5-10')	P Park NJ	34.26
2/26/2026	0240535	WC-04(5-10')	P Park NJ	28.3
2/26/2026	0240532	WC-04(5-10')	P Park NJ	33.47
2/26/2026	0240534	WC-04(5-10')	P Park NJ	34.2
2/26/2026	0240531	WC-04(5-10')	P Park NJ	28.54
2/26/2026	0240530	WC-04(5-10')	P Park NJ	32.93
2/26/2026	0240529	WC-04(5-10')	P Park NJ	29.84
2/26/2026	0240525	WC-04(5-10')	P Park NJ	32.62
2/26/2026	0240537	WC-04(5-10')	P Park NJ	30.76
2/26/2026	0240526	WC-04(5-10')	P Park NJ	31.84
2/26/2026	0240503	WC-04(5-10')	P Park NJ	32.87
2/26/2026	0240528	WC-04(5-10')	P Park NJ	28.42
2/26/2026	0240527	WC-04(5-10')	P Park NJ	28.65
2/27/2026	596137	WC-02(4-11')	Posillico Materials	33.83
2/27/2026	596138	WC-02(4-11')	Posillico Materials	37.32
2/27/2026	596139	WC-02(4-11')	Posillico Materials	36.51
2/27/2026	954236	WC-03(0-8')	Bayshore Soil Management	33.07
2/27/2026	954237	WC-03(0-8')	Bayshore Soil Management	30.16
3/3/2026	954242	WC-01	Bayshore Soil Management	37.97
3/3/2026	954244	WC-01	Bayshore Soil Management	31.12
3/3/2026	954243	WC-01	Bayshore Soil Management	29.5
3/3/2026	954245	WC-01	Bayshore Soil Management	33.83
3/3/2026	954246	WC-01	Bayshore Soil Management	39.65
3/5/2026	954248	WC-01(0-4')	Bayshore Soil Management	34.73
3/5/2026	954247	WC-01(0-4')	Bayshore Soil Management	33.39
3/5/2026	954249	WC-01(0-4')	Bayshore Soil Management	33.19
3/5/2026	954250	WC-01(0-4')	Bayshore Soil Management	35.61
3/5/2026	954251	WC-01(0-4')	Bayshore Soil Management	32.1
3/5/2026	954252	WC-01(0-4')	Bayshore Soil Management	36.83
3/9/2026	954255	WC-01(0-4')	Bayshore Soil Management	42.24
3/9/2026	954257	WC-01(0-4')	Bayshore Soil Management	38.41
3/27/2026	954259	WC-07(10-19')+WC-09(10-19')	Bayshore Soil Management	33.18
3/27/2026	954260	WC-07(10-19')+WC-09(10-19')	Bayshore Soil Management	36.02
3/27/2026	954261	WC-07(10-19')+WC-09(10-19')	Bayshore Soil Management	34.61
3/27/2026	954262	WC-07(10-19')+WC-09(10-19')	Bayshore Soil Management	33.69
3/27/2026	954263	WC-07(10-19')+WC-09(10-19')	Bayshore Soil Management	32.11
3/27/2026	954264	WC-07(10-19')+WC-09(10-19')	Bayshore Soil Management	29.55
4/10/2026	650246	HOTSPOT-01 (0-13')	Salem County Landfill	26.89
4/10/2026	650247	HOTSPOT-01 (0-13')	Salem County Landfill	27.78
4/10/2026	650252	HOTSPOT-01 (0-13')	Salem County Landfill	27.01
4/10/2026	240507	WC-07(10-19')+WC-09(10-19')	P Park NJ	30.98
4/10/2026	240506	WC-06(10-19')+WC-09(10-19')	P Park NJ	31.71
4/10/2026	240505	WC-07(10-19')+WC-09(10-19')	P Park NJ	29.76
4/10/2026	240504	WC-06(10-19')+WC-09(10-19')	P Park NJ	30.91
4/13/2026	240508	WC-07(10-19')+WC-09(10-19')	P Park NJ	31.62
4/13/2026	240509	WC-07(10-19')+WC-09(10-19')	P Park NJ	30.1
4/13/2026	240510	WC-07(10-19')+WC-09(10-19')	P Park NJ	29.58
4/13/2026	240517	WC-07(10-19')+WC-09(10-19')	P Park NJ	31.22
4/13/2026	240516	WC-07(10-19')+WC-09(10-19')	P Park NJ	32.23
4/16/2026	240513	WC-07(10-19')+WC-09(10-19')	P Park NJ	33.06
4/16/2026	240512	WC-07(10-19')+WC-09(10-19')	P Park NJ	33.54
4/16/2026	240511	WC-07(10-19')+WC-09(10-19')	P Park NJ	32.22
4/16/2026	240443	WC-07(10-19')+WC-09(10-19')	P Park NJ	31.94
4/16/2026	240442	WC-07(10-19')+WC-09(10-19')	P Park NJ	31.91
4/16/2026	240441	WC-07(10-19')+WC-09(10-19')	P Park NJ	33.17
4/16/2026	240440	WC-07(10-19')+WC-09(10-19')	P Park NJ	35.24
4/16/2026	240439	WC-07(10-19')+WC-09(10-19')	P Park NJ	32.01
4/16/2026	240438	WC-07(10-19')+WC-09(10-19')	P Park NJ	33.48
4/16/2026	240444	WC-07(10-19')+WC-09(10-19')	P Park NJ	30.32
4/16/2026	240445	WC-07(10-19')+WC-09(10-19')	P Park NJ	33.28
4/16/2026	240446	WC-07(10-19')+WC-09(10-19')	P Park NJ	30.96
4/16/2026	240447	WC-07(10-19')+WC-09(10-19')	P Park NJ	30.05
4/16/2026	240448	WC-07(10-19')+WC-09(10-19')	P Park NJ	30.87
4/16/2026	240519	WC-07(10-19')+WC-09(10-19')	P Park NJ	28.3

Table 3
521 East Tremont Avenue
Bronx, NY
Outgoing Truck Tracking Log

Date	Manifest Number	On-Site Location	Destination Facility	Net Weight Listed on Final Manifest (tons)
4/16/2026	240518	WC-07(10-19')+WC-09(10-19')	P Park NJ	32.41
4/16/2026	240449	WC-07(10-19')+WC-09(10-19')	P Park NJ	36.34
4/22/2026	992596	WC-07(10-19')	Bayshore Soil Management	35.29
4/22/2026	992592	WC-07(10-19')	Bayshore Soil Management	33.44
4/23/2026	240466	WC-09(10-19')	P Park NJ	33.97
4/23/2026	240461	WC-09(10-19')	P Park NJ	34.79
4/23/2026	240462	WC-09(10-19')	P Park NJ	32.1
4/23/2026	240459	WC-09(10-19')	P Park NJ	34.35
4/23/2026	240465	WC-09(10-19')	P Park NJ	36.65
4/23/2026	240460	WC-09(10-19')	P Park NJ	34.23
4/27/2026	240474	WC-07(10-19')+WC-09(10-19')	P Park NJ	36.54
4/27/2026	240473	WC-07(10-19')+WC-09(10-19')	P Park NJ	33.75
4/27/2026	240472	WC-07(10-19')+WC-09(10-19')	P Park NJ	32.17
4/27/2026	240471	WC-07(10-19')+WC-09(10-19')	P Park NJ	33.72
4/27/2026	240469	WC-07(10-19')+WC-09(10-19')	P Park NJ	31.49
4/27/2026	240470	WC-07(10-19')+WC-09(10-19')	P Park NJ	32.38
4/27/2026	240468	WC-07(10-19')+WC-09(10-19')	P Park NJ	35.82
4/27/2026	240467	WC-07(10-19')+WC-09(10-19')	P Park NJ	36.76
4/29/2026	240476	WC-07(10-19')+WC-09(10-19')	P Park NJ	36.49
4/29/2026	240477	WC-07(10-19')+WC-09(10-19')	P Park NJ	30.8
4/29/2026	240479	WC-07(10-19')+WC-09(10-19')	P Park NJ	32.55
4/29/2026	240481	WC-07(10-19')+WC-09(10-19')	P Park NJ	32.41
4/29/2026	240483	WC-07(10-19')+WC-09(10-19')	P Park NJ	31.43
4/29/2026	240484	WC-07(10-19')+WC-09(10-19')	P Park NJ	32.53
4/29/2026	240478	WC-07(10-19')+WC-09(10-19')	P Park NJ	32.25
4/29/2026	240480	WC-07(10-19')+WC-09(10-19')	P Park NJ	30.74
4/29/2026	240482	WC-07(10-19')+WC-09(10-19')	P Park NJ	30.52
5/11/2026	954265	WC-09A_10-12	Bayshore Soil Management	29.03
5/11/2026	954274	WC-09A_10-12	Bayshore Soil Management	34.05
5/12/2026	5105259	HOTSPOT-01 (0-13')	Conestoga Landfill	23.44
5/12/2026	5105260	HOTSPOT-01 (0-13')	Conestoga Landfill	27.23
5/12/2026	5105261	HOTSPOT-01 (0-13')	Conestoga Landfill	34.55
5/12/2026	5105262	HOTSPOT-01 (0-13')	Conestoga Landfill	30.04
5/12/2026	5105263	HOTSPOT-01 (0-13')	Conestoga Landfill	26.75
5/12/2026	5105264	HOTSPOT-01 (0-13')	Conestoga Landfill	32.9
5/12/2026	5105265	HOTSPOT-01 (0-13')	Conestoga Landfill	29.67
5/12/2026	5105266	HOTSPOT-01 (0-13')	Conestoga Landfill	27.09
5/13/2026	5105267	HOTSPOT-01 (0-13')	Conestoga Landfill	22
5/19/2026	954267	WC-3 (8-16)	Bayshore Soil Management	29.11
5/19/2026	954268	WC-3 (8-16)	Bayshore Soil Management	30.1
5/19/2026	954273	WC-3 (8-16)	Bayshore Soil Management	27.18
6/4/2026	240485	WC-05_10-19	P Park NJ	28.89
6/4/2026	240486	WC-05_10-19	P Park NJ	33.42
6/4/2026	240487	WC-05_10-19	P Park NJ	28.01
6/4/2026	240488	WC-05_10-19	P Park NJ	32.13
6/4/2026	240489	WC-05_10-19	P Park NJ	33.73
6/4/2026	240521	WC-05_10-19	P Park NJ	32.96
6/4/2026	240522	WC-05_10-19	P Park NJ	30.81
6/4/2026	240523	WC-05_10-19	P Park NJ	26.63
6/4/2026	240450	WC-05_10-19	P Park NJ	31.91
TOTALS				
		Bayshore Soil Management	190	5,690.89
		Republic Environmental Systems (Haz Lead-Impacted Soil)	11	232.75
		Posillico Materials	17	524
		Conestoga Landfill	18	423.12
		P Park NJ	71	2,280.84
		Salem County Landfill	3	81.68
		Total	**310**	**9,233.28**

Table 4A
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

			AKRF Sample ID	EP-04_14_20260601	EP-05_14_20260601	EP-06_12_20260601	EP-07_16_20260601	EP-08_16_20260603
			Lab Sample ID	460-352213-2	460-352213-3	460-352213-1	460-352213-4	460-352423-1
			Sample Date	6/1/2026	6/1/2026	6/1/2026	6/1/2026	6/3/2026
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,1,2-Trichloroethane	NS	NS	NS	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,1-Dichloroethane	0.27	26	0.27	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,1-Dichloroethene	0.33	100	0.33	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,2,3-Trichlorobenzene	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,2,4-Trichlorobenzene	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,2,4-Trimethylbenzene	3.6	52	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,2-Dibromo-3-Chloropropane	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,2-Dichlorobenzene	1.1	100	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,2-Dichloropropane	NS	NS	NS	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,3-Dichlorobenzene	2.4	49	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
1,4-Dichlorobenzene	1.8	13	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
2-Hexanone	NS	NS	N/A	0.0055 U	0.0052 U	0.0047 U	0.0051 U	0.0045 U
Acetone	**0.05**	100	N/A	0.008 J	0.0072 J	0.0058 J	0.012 J	0.0076 J
Benzene	0.06	4.8	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Bromochloromethane	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Bromodichloromethane	NS	NS	NS	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Bromoform	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Bromomethane	NS	NS	N/A	0.0022 U	0.0021 U	0.0019 U	0.002 U	0.0018 U
Carbon Disulfide	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Chlorobenzene	1.1	100	1.1	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Chloroethane	NS	NS	NS	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Chloroform	0.37	49	0.37	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Chloromethane	NS	NS	NS	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Cyclohexane	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Dibromochloromethane	NS	NS	NS	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Dichlorodifluoromethane	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Ethylbenzene	1	41	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Isopropylbenzene (Cumene)	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
M,P-Xylenes	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Methyl Acetate	NS	NS	N/A	0.0055 U	0.0052 U	0.0047 U	0.0051 U	0.0045 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	N/A	0.0055 U	0.0052 U	0.0047 U	0.0051 U	0.0045 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	N/A	0.0055 U	0.0052 U	0.0047 U	0.0051 U	0.0045 U
Methylcyclohexane	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Methylene Chloride	0.05	100	0.05	0.0022 U	0.0021 U	0.0019 U	0.002 U	0.0018 U
N-Butylbenzene	12	100	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
N-Propylbenzene	3.9	100	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Sec-Butylbenzene	11	100	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Styrene	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
T-Butylbenzene	5.9	100	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Tert-Butyl Methyl Ether	0.93	100	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0011 U	0.001 U	0.00093 U	0.0033	0.00037 J
Toluene	0.7	100	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Trichlorofluoromethane	NS	NS	N/A	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Vinyl Chloride	0.02	0.9	0.02	0.0011 U	0.001 U	0.00093 U	0.001 U	0.0009 U
Xylenes, Total	0.26	100	N/A	0.0022 U	0.0021 U	0.0019 U	0.002 U	0.0018 U

Table 4A
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

			AKRF Sample ID	EP-09_18_20260603		EP-10_15_20260504		EP-11_15_20260504		EP-12_15_20260504		EP-13_15_20260504	
			Lab Sample ID	460-352423-2		460-350261-5		460-350261-6		460-350261-7		460-350261-8	
			Sample Date	6/3/2026		5/4/2026		5/4/2026		5/4/2026		5/4/2026	
			Dilution Factor	1		1		1		1		1	
			Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0011	U	0.00095	UJ	0.001	UJ	0.0011	UJ	0.0012	UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,1,2-Trichloroethane	NS	NS	NS	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,1-Dichloroethane	0.27	26	0.27	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,1-Dichloroethene	0.33	100	0.33	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,2,3-Trichlorobenzene	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,2,4-Trichlorobenzene	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	UJ
1,2,4-Trimethylbenzene	3.6	52	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,2-Dibromo-3-Chloropropane	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	UJ
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,2-Dichlorobenzene	1.1	100	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,2-Dichloropropane	NS	NS	NS	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,3-Dichlorobenzene	2.4	49	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
1,4-Dichlorobenzene	1.8	13	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
2-Hexanone	NS	NS	N/A	0.0055	U	0.0048	U	0.0052	U	0.0057	U	0.0059	U
Acetone	**0.05**	100	N/A	0.016	J	0.0057	U	0.0063	U	0.013		0.0071	U
Benzene	0.06	4.8	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Bromochloromethane	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Bromodichloromethane	NS	NS	NS	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Bromoform	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Bromomethane	NS	NS	N/A	0.0022	U	0.0019	UJ	0.0021	UJ	0.0023	UJ	0.0024	UJ
Carbon Disulfide	NS	NS	N/A	0.0011	U	0.00095	UJ	0.001	UJ	0.0011	UJ	0.0012	UJ
Carbon Tetrachloride	0.76	2.4	0.76	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Chlorobenzene	1.1	100	1.1	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Chloroethane	NS	NS	NS	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Chloroform	0.37	49	0.37	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Chloromethane	NS	NS	NS	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Cyclohexane	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Dibromochloromethane	NS	NS	NS	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Dichlorodifluoromethane	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Ethylbenzene	1	41	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Isopropylbenzene (Cumene)	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
M,P-Xylenes	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Methyl Acetate	NS	NS	N/A	0.0055	U	0.0048	U	0.0052	U	0.0057	U	0.0059	U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	N/A	0.0055	U	0.0048	U	0.0052	U	0.0057	U	0.0059	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	N/A	0.0055	U	0.0048	U	0.0052	U	0.0057	U	0.0059	U
Methylcyclohexane	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Methylene Chloride	0.05	100	0.05	0.0022	U	0.0019	U	0.0021	U	0.0023	U	0.0024	U
N-Butylbenzene	12	100	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
N-Propylbenzene	3.9	100	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Sec-Butylbenzene	11	100	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Styrene	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
T-Butylbenzene	5.9	100	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Tert-Butyl Methyl Ether	0.93	100	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.00067	J	0.00095	U	0.001	U	0.0011	U	0.0012	U
Toluene	0.7	100	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Trichloroethylene (TCE)	0.47	21	0.47	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Trichlorofluoromethane	NS	NS	N/A	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Vinyl Chloride	0.02	0.9	0.02	0.0011	U	0.00095	U	0.001	U	0.0011	U	0.0012	U
Xylenes, Total	0.26	100	N/A	0.0022	U	0.0019	U	0.0021	U	0.0023	U	0.0024	U

Table 4A
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

			AKRF Sample ID	EP-X_15_20260504		EP-14_6_20260129		EP-15_6_20260129		EP-16_6_20260129		EP-X_6_20260129	
			Lab Sample ID	460-350261-9		460-344050-1		460-344050-2		460-344050-3		460-344050-4	
			Sample Date	5/4/2026		1/29/2026		1/29/2026		1/29/2026		1/29/2026	
			Dilution Factor	1		1		1		1		1	
			Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	0.68	100	0.68	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.001	UJ	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,1,2-Trichloroethane	NS	NS	NS	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,1-Dichloroethane	0.27	26	0.27	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,1-Dichloroethene	0.33	100	0.33	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,2,3-Trichlorobenzene	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,2,4-Trichlorobenzene	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,2,4-Trimethylbenzene	3.6	52	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,2-Dibromo-3-Chloropropane	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,2-Dichlorobenzene	1.1	100	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,2-Dichloroethane	0.02	3.1	0.02	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,2-Dichloropropane	NS	NS	NS	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,3-Dichlorobenzene	2.4	49	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
1,4-Dichlorobenzene	1.8	13	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
2-Hexanone	NS	NS	N/A	0.005	U	0.0059	U	0.0077	U	0.0076	U	0.0077	U
Acetone	**0.05**	100	N/A	0.006	U	0.015		**0.066**		0.033		0.046	
Benzene	0.06	4.8	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Bromochloromethane	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Bromodichloromethane	NS	NS	NS	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Bromoform	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Bromomethane	NS	NS	N/A	0.002	UJ	0.0023	U	0.0031	U	0.003	U	0.0031	U
Carbon Disulfide	NS	NS	N/A	0.001	UJ	0.0012	U	0.0015	U	0.00074	J	0.00094	J
Carbon Tetrachloride	0.76	2.4	0.76	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Chlorobenzene	1.1	100	1.1	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Chloroethane	NS	NS	NS	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Chloroform	0.37	49	0.37	0.001	U	0.0012	U	0.0016		0.0015	U	0.0015	U
Chloromethane	NS	NS	NS	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Cis-1,3-Dichloropropene	NS	NS	NS	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Cyclohexane	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Dibromochloromethane	NS	NS	NS	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Dichlorodifluoromethane	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Ethylbenzene	1	41	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Isopropylbenzene (Cumene)	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
M,P-Xylenes	NS	NS	N/A	0.001	U	0.0012	U	0.00074	J	0.0015	U	0.0015	U
Methyl Acetate	NS	NS	N/A	0.005	U	0.0059	U	0.0077	U	0.0076	U	0.0077	U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	N/A	0.005	U	0.0059	U	0.0048	J	0.0044	J	0.0064	J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	N/A	0.005	U	0.0059	U	0.0077	U	0.0076	U	0.0077	U
Methylcyclohexane	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Methylene Chloride	0.05	100	0.05	0.002	U	0.0023	U	0.0031	U	0.003	U	0.0031	U
N-Butylbenzene	12	100	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
N-Propylbenzene	3.9	100	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Sec-Butylbenzene	11	100	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Styrene	NS	NS	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
T-Butylbenzene	5.9	100	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Tert-Butyl Methyl Ether	0.93	100	N/A	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Toluene	0.7	100	N/A	0.001	U	0.00028	J	0.0004	J	0.00038	J	0.0015	U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Trans-1,3-Dichloropropene	NS	NS	NS	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Trichloroethylene (TCE)	0.47	21	0.47	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Trichlorofluoromethane	NS	NS	N/A	0.001	U	0.0012	UJ	0.0015	UJ	0.0015	UJ	0.0015	UJ
Vinyl Chloride	0.02	0.9	0.02	0.001	U	0.0012	U	0.0015	U	0.0015	U	0.0015	U
Xylenes, Total	0.26	100	N/A	0.002	U	0.0023	J	0.0014	J	0.003	U	0.0031	U

Table 4A
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

			AKRF Sample ID	EP-17_6_20260129	EP-26_2_20260202	EP-27_2_20260202	EP-28_3_20260202	EP-29_3_20260202
			Lab Sample ID	460-344050-5	460-344162-1	460-344162-2	460-344162-3	460-344162-4
			Sample Date	1/29/2026	2/2/2026	2/2/2026	2/2/2026	2/2/2026
			Dilution Factor	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,1,2-Trichloroethane	NS	NS	NS	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,1-Dichloroethane	0.27	26	0.27	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,1-Dichloroethene	0.33	100	0.33	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,2,3-Trichlorobenzene	NS	NS	N/A	0.0013 UJ	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,2,4-Trichlorobenzene	NS	NS	N/A	0.0013 UJ	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,2,4-Trimethylbenzene	3.6	52	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,2-Dibromo-3-Chloropropane	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,2-Dichlorobenzene	1.1	100	N/A	0.0013 UJ	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,2-Dichloroethane	0.02	3.1	0.02	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,2-Dichloropropane	NS	NS	NS	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,3-Dichlorobenzene	2.4	49	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
1,4-Dichlorobenzene	1.8	13	N/A	0.0013 UJ	0.0015 U	0.0014 U	0.0015 U	0.0015 U
2-Hexanone	NS	NS	N/A	0.0063 U	0.0073 U	0.0072 U	0.0074 U	0.0074 U
Acetone	**0.05**	100	N/A	0.011	0.0088 U	0.0087 U	0.0089 U	0.0089 U
Benzene	0.06	4.8	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Bromochloromethane	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Bromodichloromethane	NS	NS	NS	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Bromoform	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Bromomethane	NS	NS	N/A	0.0025 U	0.0029 U	0.0029 U	0.003 U	0.003 U
Carbon Disulfide	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Carbon Tetrachloride	0.76	2.4	0.76	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Chlorobenzene	1.1	100	1.1	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Chloroethane	NS	NS	NS	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Chloroform	0.37	49	0.37	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Chloromethane	NS	NS	NS	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Cyclohexane	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Dibromochloromethane	NS	NS	NS	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Dichlorodifluoromethane	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Ethylbenzene	1	41	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Isopropylbenzene (Cumene)	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
M,P-Xylenes	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0013 J	0.0015 U
Methyl Acetate	NS	NS	N/A	0.0063 U	0.0073 U	0.0072 U	0.0074 U	0.0074 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	N/A	0.0063 U	0.0073 U	0.0072 U	0.0074 U	0.0074 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	N/A	0.0063 U	0.0073 U	0.0072 U	0.0074 U	0.0074 U
Methylcyclohexane	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Methylene Chloride	0.05	100	0.05	0.0025 U	0.0029 U	0.0029 U	0.003 U	0.003 U
N-Butylbenzene	12	100	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
N-Propylbenzene	3.9	100	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Sec-Butylbenzene	11	100	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Styrene	NS	NS	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
T-Butylbenzene	5.9	100	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Tert-Butyl Methyl Ether	0.93	100	N/A	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0013 U	0.0015 U	0.0011 J	0.00079 J	0.0005 J
Toluene	0.7	100	N/A	0.00042 J	0.0015 U	0.0014 U	0.00041 J	0.0015 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Trichloroethylene (TCE)	0.47	21	0.47	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Trichlorofluoromethane	NS	NS	N/A	0.0013 UJ	0.0015 U	0.0014 U	0.00063 J	0.00068 J
Vinyl Chloride	0.02	0.9	0.02	0.0013 U	0.0015 U	0.0014 U	0.0015 U	0.0015 U
Xylenes, Total	0.26	100	N/A	0.0025 U	0.0029 U	0.0029 U	0.0018 J	0.003 U

Table 4A
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

			AKRF Sample ID	EP-30_4_20260202		EP-31_10_20260608		EP-32_16_20260603		EP-33_13_20260511		EP-34_13_20260511	
			Lab Sample ID	460-344162-5		460-352783-1		460-352423-3		460-350805-3		460-350805-4	
			Sample Date	2/2/2026		6/8/2026		6/3/2026		5/11/2026		5/11/2026	
			Dilution Factor	1		1		1		1		1	
			Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,1,2-Trichloroethane	NS	NS	NS	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,1-Dichloroethane	0.27	26	0.27	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,1-Dichloroethene	0.33	100	0.33	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,2,3-Trichlorobenzene	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,2,4-Trichlorobenzene	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,2,4-Trimethylbenzene	3.6	52	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.0022	
1,2-Dibromo-3-Chloropropane	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,2-Dichlorobenzene	1.1	100	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,2-Dichloroethane	0.02	3.1	0.02	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,2-Dichloropropane	NS	NS	NS	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00092	J
1,3-Dichlorobenzene	2.4	49	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
1,4-Dichlorobenzene	1.8	13	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
2-Hexanone	NS	NS	N/A	0.0069	U	0.0058	U	0.0067	U	0.0058	U	0.0049	U
Acetone	**0.05**	100	N/A	0.0083	U	0.0069	UJ	0.012	J	**0.066**		0.034	
Benzene	0.06	4.8	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Bromochloromethane	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Bromodichloromethane	NS	NS	NS	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Bromoform	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Bromomethane	NS	NS	N/A	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.002	U
Carbon Disulfide	NS	NS	N/A	0.0014	U	0.0012	UJ	0.0013	U	0.00091	J	0.0017	
Carbon Tetrachloride	0.76	2.4	0.76	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Chlorobenzene	1.1	100	1.1	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Chloroethane	NS	NS	NS	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Chloroform	0.37	49	0.37	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Chloromethane	NS	NS	NS	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Cyclohexane	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Dibromochloromethane	NS	NS	NS	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Dichlorodifluoromethane	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Ethylbenzene	1	41	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00055	J
Isopropylbenzene (Cumene)	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
M,P-Xylenes	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.0024	
Methyl Acetate	NS	NS	N/A	0.0069	U	0.0058	U	0.0067	U	0.0058	U	0.0049	U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	N/A	0.0069	U	0.0058	U	0.0067	U	0.0058	U	0.0049	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	N/A	0.0069	U	0.0058	U	0.0067	U	0.0058	UJ	0.0049	UJ
Methylcyclohexane	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Methylene Chloride	0.05	100	0.05	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.002	U
N-Butylbenzene	12	100	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00038	J
N-Propylbenzene	3.9	100	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.0013	
Sec-Butylbenzene	11	100	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Styrene	NS	NS	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
T-Butylbenzene	5.9	100	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Tert-Butyl Methyl Ether	0.93	100	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0014	U	0.0028		0.0021		0.0012	U	0.011	
Toluene	0.7	100	N/A	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Trichloroethylene (TCE)	0.47	21	0.47	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Trichlorofluoromethane	NS	NS	N/A	0.00058	J	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Vinyl Chloride	0.02	0.9	0.02	0.0014	U	0.0012	U	0.0013	U	0.0012	U	0.00098	U
Xylenes, Total	0.26	100	N/A	0.0028	U	0.0023	U	0.0027	U	0.0023	U	0.0036	

Table 4A
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

			AKRF Sample ID	EP-35_13_20260511		EP-36_13_20260511		EP-37_13_20260511		EP-38_10_20260608		EP-39_16_20260605	
			Lab Sample ID	460-350805-5		460-350805-6		460-350805-7		460-352783-2		460-352643-1	
			Sample Date	5/11/2026		5/11/2026		5/11/2026		6/8/2026		6/5/2026	
			Dilution Factor	1		1		1		1		1	
			Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,1,2-Trichloroethane	NS	NS	NS	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,1-Dichloroethane	0.27	26	0.27	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,1-Dichloroethene	0.33	100	0.33	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,2,3-Trichlorobenzene	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,2,4-Trichlorobenzene	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,2,4-Trimethylbenzene	3.6	52	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,2-Dibromo-3-Chloropropane	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,2-Dichlorobenzene	1.1	100	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,2-Dichloroethane	0.02	3.1	0.02	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,2-Dichloropropane	NS	NS	NS	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,3-Dichlorobenzene	2.4	49	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
1,4-Dichlorobenzene	1.8	13	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
2-Hexanone	NS	NS	N/A	0.006	U	0.0059	U	0.0046	U	0.0062	U	0.0047	U
Acetone	**0.05**	100	N/A	0.0072	U	0.032		0.018		0.0074	UJ	**0.1**	**J**
Benzene	0.06	4.8	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Bromochloromethane	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Bromodichloromethane	NS	NS	NS	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Bromoform	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Bromomethane	NS	NS	N/A	0.0024	U	0.0024	U	0.0019	U	0.0025	U	0.0019	U
Carbon Disulfide	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	UJ	0.00093	U
Carbon Tetrachloride	0.76	2.4	0.76	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Chlorobenzene	1.1	100	1.1	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Chloroethane	NS	NS	NS	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Chloroform	0.37	49	0.37	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Chloromethane	NS	NS	NS	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Cyclohexane	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Dibromochloromethane	NS	NS	NS	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Dichlorodifluoromethane	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Ethylbenzene	1	41	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Isopropylbenzene (Cumene)	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
M,P-Xylenes	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Methyl Acetate	NS	NS	N/A	0.006	U	0.0059	U	0.0046	U	0.0062	U	0.0047	U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	N/A	0.006	U	0.0059	U	0.0046	U	0.0062	U	0.0013	J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	N/A	0.006	U	0.0059	U	0.0046	UJ	0.0062	U	0.0047	U
Methylcyclohexane	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Methylene Chloride	0.05	100	0.05	0.0024	U	0.0024	U	0.0019	U	0.0025	U	0.0019	U
N-Butylbenzene	12	100	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
N-Propylbenzene	3.9	100	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Sec-Butylbenzene	11	100	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Styrene	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
T-Butylbenzene	5.9	100	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Tert-Butyl Methyl Ether	0.93	100	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0017		0.073		0.00097		0.003		0.071	
Toluene	0.7	100	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Trichloroethylene (TCE)	0.47	21	0.47	0.0012	U	0.00057	J	0.00093	U	0.0012	U	0.00093	U
Trichlorofluoromethane	NS	NS	N/A	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Vinyl Chloride	0.02	0.9	0.02	0.0012	U	0.0012	U	0.00093	U	0.0012	U	0.00093	U
Xylenes, Total	0.26	100	N/A	0.0024	U	0.0024	U	0.0019	U	0.0025	U	0.0019	U

Table 4A
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

			AKRF Sample ID	EP-40_16_20260605		EP-41_5_20260826		EP-43_5_20260826		EP-44_4_20260204		EP-45_4_20260204	
			Lab Sample ID	460-352643-2		460-358360-1		460-358360-2		460-344323-1		460-344323-2	
			Sample Date	6/5/2026		8/26/2026		8/26/2026		2/4/2026		2/4/2026	
			Dilution Factor	1		1		1		1		1	
			Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	0.68	100	0.68	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,1,2-Trichloroethane	NS	NS	NS	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,1-Dichloroethane	0.27	26	0.27	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
1,1-Dichloroethene	0.33	100	0.33	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
1,2,3-Trichlorobenzene	NS	NS	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,2,4-Trichlorobenzene	NS	NS	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,2,4-Trimethylbenzene	3.6	52	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.00064	J
1,2-Dibromo-3-Chloropropane	NS	NS	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,2-Dichlorobenzene	1.1	100	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,2-Dichloroethane	0.02	3.1	0.02	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,2-Dichloropropane	NS	NS	NS	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,3-Dichlorobenzene	2.4	49	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
1,4-Dichlorobenzene	1.8	13	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
2-Hexanone	NS	NS	N/A	0.0051	U	0.0057	U	0.0051	U	0.01	U	0.0063	U
Acetone	**0.05**	100	N/A	0.014	J	0.035	JL	**0.055**		0.013	U	0.0075	U
Benzene	0.06	4.8	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
Bromochloromethane	NS	NS	N/A	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
Bromodichloromethane	NS	NS	NS	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
Bromoform	NS	NS	N/A	0.001	U	0.0011	U	0.001	U	0.0021	UJ	0.0013	UJ
Bromomethane	NS	NS	N/A	0.002	U	0.0023	UJ	0.002	U	0.0042	U	0.0025	U
Carbon Disulfide	NS	NS	N/A	0.001	U	0.0011	UJ	0.0053		0.0021	U	0.0013	U
Carbon Tetrachloride	0.76	2.4	0.76	0.001	U	0.0011	U	0.001	U	0.0021	UJ	0.0013	UJ
Chlorobenzene	1.1	100	1.1	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
Chloroethane	NS	NS	NS	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
Chloroform	0.37	49	0.37	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
Chloromethane	NS	NS	NS	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
Cis-1,3-Dichloropropene	NS	NS	NS	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
Cyclohexane	NS	NS	N/A	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
Dibromochloromethane	NS	NS	NS	0.001	U	0.0011	U	0.001	U	0.0021	UJ	0.0013	UJ
Dichlorodifluoromethane	NS	NS	N/A	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
Ethylbenzene	1	41	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
Isopropylbenzene (Cumene)	NS	NS	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
M,P-Xylenes	NS	NS	N/A	0.001	U	0.00089	J	0.002		0.0021	U	0.0013	U
Methyl Acetate	NS	NS	N/A	0.0051	U	0.0057	UJ	0.0051	U	0.01	U	0.0063	U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	N/A	0.0051	U	0.0026	JL	0.0067		0.01	U	0.0063	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	N/A	0.0051	U	0.0057	U	0.0051	U	0.01	U	0.0063	U
Methylcyclohexane	NS	NS	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
Methylene Chloride	0.05	100	0.05	0.002	U	0.0023	U	0.002	U	0.0042	U	0.0025	U
N-Butylbenzene	12	100	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
N-Propylbenzene	3.9	100	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	N/A	0.001	U	0.00075	J	0.001		0.0021	U	0.0013	U
Sec-Butylbenzene	11	100	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
Styrene	NS	NS	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
T-Butylbenzene	5.9	100	N/A	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
Tert-Butyl Methyl Ether	0.93	100	N/A	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0018		0.0011	U	0.001	U	0.0021	U	0.0013	U
Toluene	0.7	100	N/A	0.001	U	0.0021		0.0051		0.0021	U	0.0013	U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
Trans-1,3-Dichloropropene	NS	NS	NS	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
Trichloroethylene (TCE)	0.47	21	0.47	0.001	U	0.0011	U	0.001	U	0.0021	U	0.0013	U
Trichlorofluoromethane	NS	NS	N/A	0.001	U	0.0011	UJ	0.001	U	0.029		0.006	
Vinyl Chloride	0.02	0.9	0.02	0.001	U	0.0011	UJ	0.001	U	0.0021	U	0.0013	U
Xylenes, Total	0.26	100	N/A	0.002	U	0.0016	J	0.003		0.0042	U	0.0025	U

Table 4A
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

			AKRF Sample ID	EP-46_4_20260204		EP-47_4_20260204		EP-49_16_20260608		EP-X_16_20260608		EP-50_18_20260605	
			Lab Sample ID	460-344323-3		460-344323-4		460-352783-3		460-352783-6		460-352643-3	
			Sample Date	2/4/2026		2/4/2026		6/8/2026		6/8/2026		6/5/2026	
			Dilution Factor	1		1		1		1		1	
			Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0015	U	0.0016	U	0.001	UJ	0.0011	U	0.001	U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
1,1,2-Trichloroethane	NS	NS	NS	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
1,1-Dichloroethane	0.27	26	0.27	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
1,1-Dichloroethene	0.33	100	0.33	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
1,2,3-Trichlorobenzene	NS	NS	N/A	0.0015	U	0.0016	U	0.001	UJ	0.0011	U	0.001	U
1,2,4-Trichlorobenzene	NS	NS	N/A	0.0015	U	0.0016	U	0.001	UJ	0.0011	U	0.001	U
1,2,4-Trimethylbenzene	3.6	52	N/A	0.0015	U	0.0016	U	0.001	UJ	0.0011	U	0.001	U
1,2-Dibromo-3-Chloropropane	NS	NS	N/A	0.0015	U	0.0016	U	0.001	UJ	0.0011	U	0.001	U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
1,2-Dichlorobenzene	1.1	100	N/A	0.0015	U	0.0016	U	0.001	UJ	0.0011	U	0.001	U
1,2-Dichloroethane	0.02	3.1	0.02	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
1,2-Dichloropropane	NS	NS	NS	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
1,3-Dichlorobenzene	2.4	49	N/A	0.0015	U	0.0016	U	0.001	UJ	0.0011	U	0.001	U
1,4-Dichlorobenzene	1.8	13	N/A	0.0015	U	0.0016	U	0.001	UJ	0.0011	U	0.001	U
2-Hexanone	NS	NS	N/A	0.0074	U	0.0081	U	0.005	U	0.0056	U	0.0052	U
Acetone	**0.05**	100	N/A	0.0089	U	0.016		0.006	UJ	0.0076	J	0.0071	J
Benzene	0.06	4.8	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Bromochloromethane	NS	NS	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Bromodichloromethane	NS	NS	NS	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Bromoform	NS	NS	N/A	0.0015	UJ	0.0016	UJ	0.001	UJ	0.0011	U	0.001	U
Bromomethane	NS	NS	N/A	0.003	U	0.0032	U	0.002	U	0.0022	U	0.0021	U
Carbon Disulfide	NS	NS	N/A	0.0015	U	0.0016	U	0.001	UJ	0.0011	UJ	0.001	U
Carbon Tetrachloride	0.76	2.4	0.76	0.0015	UJ	0.0016	UJ	0.001	U	0.0011	U	0.001	U
Chlorobenzene	1.1	100	1.1	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Chloroethane	NS	NS	NS	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Chloroform	0.37	49	0.37	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Chloromethane	NS	NS	NS	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Cyclohexane	NS	NS	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Dibromochloromethane	NS	NS	NS	0.0015	UJ	0.0016	UJ	0.001	U	0.0011	U	0.001	U
Dichlorodifluoromethane	NS	NS	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Ethylbenzene	1	41	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Isopropylbenzene (Cumene)	NS	NS	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
M,P-Xylenes	NS	NS	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Methyl Acetate	NS	NS	N/A	0.0074	U	0.0081	U	0.005	U	0.0056	U	0.0052	U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	N/A	0.0074	U	0.0081	U	0.005	U	0.0043	J	0.0052	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	N/A	0.0074	U	0.0081	U	0.005	U	0.0056	U	0.0052	U
Methylcyclohexane	NS	NS	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Methylene Chloride	0.05	100	0.05	0.003	U	0.0032	U	0.002	U	0.0022	U	0.0021	U
N-Butylbenzene	12	100	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
N-Propylbenzene	3.9	100	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Sec-Butylbenzene	11	100	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Styrene	NS	NS	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
T-Butylbenzene	5.9	100	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Tert-Butyl Methyl Ether	0.93	100	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.00093	J	0.0016	U	0.0033		0.0023		0.0017	
Toluene	0.7	100	N/A	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Trichloroethylene (TCE)	0.47	21	0.47	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Trichlorofluoromethane	NS	NS	N/A	0.0063		0.03		0.001	U	0.0011	U	0.001	U
Vinyl Chloride	0.02	0.9	0.02	0.0015	U	0.0016	U	0.001	U	0.0011	U	0.001	U
Xylenes, Total	0.26	100	N/A	0.003	U	0.0032	U	0.002	U	0.0022	U	0.0021	U

Table 4A
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

			AKRF Sample ID	EP-53_15_20260504		EP-54_15_20260504		EP-57_15_20260504		EP-58_15_20260504		FB-02_20260511	
			Lab Sample ID	460-350261-1		460-350261-2		460-350261-3		460-350261-4		460-350805-1	
			Sample Date	5/4/2026		5/4/2026		5/4/2026		5/4/2026		5/11/2026	
			Dilution Factor	1		1		1		1		1	
			Unit	mg/kg		mg/kg		mg/kg		mg/kg		µg/L	
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0011	UJ	0.0011	UJ	0.001	UJ	0.0012	UJ	0.2	U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,1,2-Trichloroethane	NS	NS	NS	0.0011	U	0.0011	U	0.001	U	0.0012	U	0.58	U
1,1-Dichloroethane	0.27	26	0.27	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,1-Dichloroethene	0.33	100	0.33	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,2,3-Trichlorobenzene	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,2,4-Trichlorobenzene	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,2,4-Trimethylbenzene	3.6	52	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,2-Dibromo-3-Chloropropane	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,2-Dichlorobenzene	1.1	100	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,2-Dichloroethane	0.02	3.1	0.02	0.0011	U	0.0011	U	0.001	U	0.0012	U	0.3	U
1,2-Dichloropropane	NS	NS	NS	0.0011	U	0.0011	U	0.001	U	0.0012	U	0.92	U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,3-Dichlorobenzene	2.4	49	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
1,4-Dichlorobenzene	1.8	13	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
2-Hexanone	NS	NS	N/A	0.0053	U	0.0054	U	0.0051	U	0.0061	U	5	U
Acetone	**0.05**	100	N/A	0.0064	U	**0.055**		0.0068		0.0073	U	5	U
Benzene	0.06	4.8	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	0.45	U
Bromochloromethane	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Bromodichloromethane	NS	NS	NS	0.0011	U	0.0011	U	0.001	U	0.0012	U	0.98	U
Bromoform	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Bromomethane	NS	NS	N/A	0.0021	UJ	0.0022	UJ	0.002	UJ	0.0024	UJ	1	U
Carbon Disulfide	NS	NS	N/A	0.0011	UJ	0.0013	H	0.001	UJ	0.0012	UJ	1	U
Carbon Tetrachloride	0.76	2.4	0.76	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Chlorobenzene	1.1	100	1.1	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Chloroethane	NS	NS	NS	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Chloroform	0.37	49	0.37	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Chloromethane	NS	NS	NS	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Cis-1,2-Dichloroethylene	0.25	100	0.25	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Cis-1,3-Dichloropropene	NS	NS	NS	0.0011	U	0.0011	U	0.001	U	0.0012	U	0.45	U
Cyclohexane	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Dibromochloromethane	NS	NS	NS	0.0011	U	0.0011	U	0.001	U	0.0012	U	0.78	U
Dichlorodifluoromethane	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	UJ
Ethylbenzene	1	41	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Isopropylbenzene (Cumene)	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
M,P-Xylenes	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Methyl Acetate	NS	NS	N/A	0.0053	U	0.0054	U	0.0051	U	0.0061	U	5	U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	N/A	0.0053	U	0.0054	U	0.0051	U	0.0061	U	5	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	N/A	0.0053	U	0.0054	U	0.0051	U	0.0061	U	5	U
Methylcyclohexane	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Methylene Chloride	0.05	100	0.05	0.0021	U	0.0022	U	0.002	U	0.0024	U	1	U
N-Butylbenzene	12	100	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
N-Propylbenzene	3.9	100	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Sec-Butylbenzene	11	100	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Styrene	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
T-Butylbenzene	5.9	100	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Tert-Butyl Methyl Ether	0.93	100	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.0011	U	0.0011	U	0.001	U	0.0012	U	0.4	U
Toluene	0.7	100	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0011	U	0.0011	U	0.001	U	0.0012	U	0.45	U
Trichloroethylene (TCE)	0.47	21	0.47	0.0011	U	0.0011	U	0.001	U	0.0012	U	0.28	U
Trichlorofluoromethane	NS	NS	N/A	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Vinyl Chloride	0.02	0.9	0.02	0.0011	U	0.0011	U	0.001	U	0.0012	U	1	U
Xylenes, Total	0.26	100	N/A	0.0021	U	0.0022	U	0.002	U	0.0024	U	2	U

Table 4A
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Volatile Organic Compounds (VOCs)

			AKRF Sample ID	FB-03_20260608		EP-FB_01_20260129		TB-02_20260511		TB-03_20260608	
			Lab Sample ID	460-352783-4		460-344050-6		460-350805-2		460-352783-5	
			Sample Date	6/8/2026		1/29/2026		5/11/2026		6/8/2026	
			Dilution Factor	1		1		1		1	
			Unit	µg/L		µg/L		µg/L		µg/L	
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	0.68	100	0.68	1	U	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	N/A	1	U	1	U	1	U	1	U
1,1,2-Trichloroethane	NS	NS	NS	0.58	U	0.58	U	0.58	U	0.58	U
1,1-Dichloroethane	0.27	26	0.27	1	U	1	U	1	U	1	U
1,1-Dichloroethene	0.33	100	0.33	1	U	1	U	1	U	1	U
1,2,3-Trichlorobenzene	NS	NS	N/A	1	U	1	U	1	U	1	U
1,2,4-Trichlorobenzene	NS	NS	N/A	1	U	1	U	1	U	1	U
1,2,4-Trimethylbenzene	3.6	52	N/A	1	U	1	U	1	U	1	U
1,2-Dibromo-3-Chloropropane	NS	NS	N/A	1	U	1	U	1	U	1	U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	N/A	1	U	1	U	1	U	1	U
1,2-Dichlorobenzene	1.1	100	N/A	1	U	1	U	1	U	1	U
1,2-Dichloroethane	0.02	3.1	0.02	0.3	U	0.3	U	0.3	U	0.3	U
1,2-Dichloropropane	NS	NS	NS	0.92	U	0.92	U	0.92	U	0.92	U
1,3,5-Trimethylbenzene (Mesitylene)	8.4	52	N/A	1	U	1	U	1	U	1	U
1,3-Dichlorobenzene	2.4	49	N/A	1	U	1	U	1	U	1	U
1,4-Dichlorobenzene	1.8	13	N/A	1	U	1	U	1	U	1	U
2-Hexanone	NS	NS	N/A	5	U	5	UJ	5	U	5	U
Acetone	**0.05**	100	N/A	5	U	5	U	5	U	5	U
Benzene	0.06	4.8	N/A	0.45	U	0.45	U	0.45	U	0.45	U
Bromochloromethane	NS	NS	N/A	1	U	1	U	1	U	1	U
Bromodichloromethane	NS	NS	NS	0.98	U	0.98	U	0.98	U	0.98	U
Bromoform	NS	NS	N/A	1	U	1	U	1	U	1	U
Bromomethane	NS	NS	N/A	1	U	1	U	1	U	1	U
Carbon Disulfide	NS	NS	N/A	1	U	1	U	1	U	1	U
Carbon Tetrachloride	0.76	2.4	0.76	1	U	1	U	1	U	1	U
Chlorobenzene	1.1	100	1.1	1	U	1	U	1	U	1	U
Chloroethane	NS	NS	NS	1	U	1	U	1	U	1	U
Chloroform	0.37	49	0.37	1	U	1	U	1	U	1	U
Chloromethane	NS	NS	NS	1	U	1	U	1	U	1	U
Cis-1,2-Dichloroethylene	0.25	100	0.25	1	U	1	U	1	U	1	U
Cis-1,3-Dichloropropene	NS	NS	NS	0.45	U	0.45	U	0.45	U	0.45	U
Cyclohexane	NS	NS	N/A	1	U	1	U	1	U	1	U
Dibromochloromethane	NS	NS	NS	0.78	U	0.78	U	0.78	U	0.78	U
Dichlorodifluoromethane	NS	NS	N/A	1	U	1	UJ	1	UJ	1	U
Ethylbenzene	1	41	N/A	1	U	1	U	1	U	1	U
Isopropylbenzene (Cumene)	NS	NS	N/A	1	U	1	U	1	U	1	U
M,P-Xylenes	NS	NS	N/A	1	U	1	U	1	U	1	U
Methyl Acetate	NS	NS	N/A	5	U	5	U	5	U	5	U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	N/A	5	U	5	U	5	U	5	U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	N/A	5	U	5	U	5	U	5	U
Methylcyclohexane	NS	NS	N/A	1	U	1	U	1	U	1	U
Methylene Chloride	0.05	100	0.05	1	U	1	U	1	U	1	U
N-Butylbenzene	12	100	N/A	1	U	1	U	1	U	1	U
N-Propylbenzene	3.9	100	N/A	1	U	1	U	1	U	1	U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	N/A	1	U	1	U	1	U	1	U
Sec-Butylbenzene	11	100	N/A	1	U	1	U	1	U	1	U
Styrene	NS	NS	N/A	1	U	1	U	1	U	1	U
T-Butylbenzene	5.9	100	N/A	1	U	1	U	1	U	1	U
Tert-Butyl Methyl Ether	0.93	100	N/A	1	U	1	U	1	U	1	U
Tetrachloroethylene (PCE)	1.3	19	1.3	0.4	U	0.4	U	0.4	U	0.4	U
Toluene	0.7	100	N/A	1	U	1	U	1	U	1	U
Trans-1,2-Dichloroethene	0.19	100	0.19	1	U	1	U	1	U	1	U
Trans-1,3-Dichloropropene	NS	NS	NS	0.45	U	0.45	U	0.45	U	0.45	U
Trichloroethylene (TCE)	0.47	21	0.47	0.28	U	0.28	U	0.28	U	0.28	U
Trichlorofluoromethane	NS	NS	N/A	1	U	1	U	1	U	1	U
Vinyl Chloride	0.02	0.9	0.02	1	U	1	U	1	U	1	U
Xylenes, Total	0.26	100	N/A	2	U	2	U	2	U	2	U

Table 4B
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-04_14_20260601	EP-05_14_20260601		EP-06_12_20260601	EP-07_16_20260601	EP-08_16_20260603	EP-09_18_20260603
		Lab Sample ID	460-352213-2	460-352213-3		460-352213-1	460-352213-4	460-352423-1	460-352423-2
		Sample Date	6/1/2026	6/1/2026		6/1/2026	6/1/2026	6/3/2026	6/3/2026
		Dilution Factor	1	1	2	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.036 U	NR	0.035 U	0.037 U	0.038 U	0.039 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 R	0.38 UJ	0.39 UJ
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 R	0.38 UJ	0.39 UJ
2,4,6-Trichlorophenol	NS	NS	0.15 U	0.15 U	NR	0.14 U	0.15 R	0.15 UJ	0.16 UJ
2,4-Dichlorophenol	NS	NS	0.15 U	0.15 U	NR	0.14 U	0.15 R	0.15 UJ	0.16 UJ
2,4-Dimethylphenol	NS	NS	0.36 U	0.02 J	NR	0.35 U	0.37 R	0.38 UJ	0.39 UJ
2,4-Dinitrophenol	NS	NS	0.29 U	0.29 U	NR	0.28 U	0.3 R	0.31 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.074 U	NR	0.071 U	0.075 U	0.077 U	0.079 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.074 U	NR	0.071 U	0.075 U	0.077 U	0.079 U
2-Chloronaphthalene	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
2-Chlorophenol	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 R	0.38 UJ	0.39 UJ
2-Methylnaphthalene	NS	NS	0.36 U	0.17 J	NR	0.35 U	0.37 U	0.38 U	0.39 U
2-Methylphenol (O-Cresol)	0.33	100	0.22 U	0.018 J	NR	0.21 U	0.22 R	0.23 UJ	0.24 UJ
2-Nitroaniline	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 UJ	0.39 UJ
2-Nitrophenol	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 R	0.38 UJ	0.39 UJ
3- And 4- Methylphenol (Total)	NS	NS	0.22 U	0.04 J	NR	0.21 U	0.22 R	0.23 UJ	0.24 UJ
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	NR	0.14 U	0.15 U	0.15 U	0.16 U
3-Nitroaniline	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 U	NR	0.28 U	0.3 U	0.31 UJ	0.31 UJ
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 R	0.38 UJ	0.39 UJ
4-Chloroaniline	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.04 J	NR	0.35 U	0.37 R	0.38 UJ	0.39 UJ
4-Nitroaniline	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
4-Nitrophenol	NS	NS	0.74 U	0.74 U	NR	0.71 U	0.75 R	0.77 UJ	0.79 UJ
Acenaphthene	20	100	0.36 U	0.6	NR	0.015 J	0.37 U	0.38 U	0.39 U
Acenaphthylene	100	100	0.36 U	0.62	NR	0.01 J	0.038 J	0.0078 J	0.0069 J
Acetophenone	NS	NS	0.36 U	0.049 J	NR	0.35 U	0.37 U	0.38 U	0.39 U
Anthracene	100	100	0.36 U	1.4	NR	0.043 J	0.054 J	0.38 U	0.39 U
Atrazine	NS	NS	0.15 U	0.15 U	NR	0.14 U	0.15 U	0.15 U	0.16 U
Benzaldehyde	NS	NS	0.36 UJ	0.36 UJ	NR	0.35 UJ	0.37 UJ	0.38 UJ	0.39 UJ
Benzo(a)Anthracene	**1**	1	0.025 J	**4.6**	NR	0.11	0.18	0.058	0.054
Benzo(a)Pyrene	**1**	1	0.019 J	**5.5**	NR	0.1	0.17	0.053	0.042
Benzo(b)Fluoranthene	**1**	1	0.024 J	**6.5**	NR	0.12	0.22	0.074	0.055
Benzo(g,h,i)Perylene	100	100	0.018 J	4.5	NR	0.067 J	0.14 J	0.038 J	0.031 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.011 J	**2.5**	NR	0.052	0.091	0.027 J	0.025 J
Benzyl Butyl Phthalate	NS	NS	0.36 U	0.026 J	NR	0.35 U	0.37 U	0.38 U	0.39 U
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.052 J	NR	0.35 U	0.37 U	0.38 U	0.39 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.036 U	NR	0.035 U	0.037 U	0.038 U	0.039 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 UJ	0.39 UJ
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.29 J	NR	0.026 J	0.04 J	0.38 U	0.39 U
Caprolactam	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
Carbazole	NS	NS	0.36 U	0.67	NR	0.35 U	0.023 J	0.38 U	0.39 U
Chrysene	**1**	3.9	0.02 J	**4.5**	NR	0.12 J	0.2 J	0.065 J	0.055 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.036 U	**1.1**	NR	0.012 J	0.022 J	0.0092 J	0.0096 J
Dibenzofuran	7	59	0.36 U	0.35 J	NR	0.0069 J	0.008 J	0.38 U	0.39 U
Diethyl Phthalate	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
Dimethyl Phthalate	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
Fluoranthene	100	100	0.047 J	NR	4.3	0.22 J	0.34 J	0.12 J	0.11 J
Fluorene	30	100	0.36 U	0.61	NR	0.016 J	0.016 J	0.38 U	0.39 U
Hexachlorobenzene	0.33	1.2	0.036 U	0.036 U	NR	0.035 U	0.037 U	0.038 U	0.039 U
Hexachlorobutadiene	NS	NS	0.074 U	0.074 U	NR	0.071 U	0.075 U	0.077 U	0.079 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
Hexachloroethane	NS	NS	0.036 U	0.036 U	NR	0.035 U	0.037 U	0.038 U	0.039 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.036 U	**4**	NR	0.061	0.12	0.038	0.029 J
Isophorone	NS	NS	0.15 U	0.15 U	NR	0.14 U	0.15 U	0.15 U	0.16 U
Naphthalene	12	100	0.36 U	0.25 J	NR	0.0097 J	0.0095 J	0.38 U	0.39 U
Nitrobenzene	NS	NS	0.036 U	0.036 U	NR	0.035 U	0.037 U	0.038 U	0.039 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.036 U	NR	0.035 U	0.037 U	0.038 U	0.039 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.36 U	NR	0.35 U	0.37 U	0.38 U	0.39 U
Pentachlorophenol	0.8	6.7	0.29 U	0.29 U	NR	0.28 U	0.3 U	0.31 UJ	0.31 UJ
Phenanthrene	100	100	0.037 J	6.9	NR	0.14 J	0.17 J	0.048 J	0.046 J
Phenol	0.33	100	0.22 U	0.22 U	NR	0.21 U	0.22 R	0.23 UJ	0.24 UJ
Pyrene	100	100	0.042 J	8.6	NR	0.2 J	0.32 J	0.12 J	0.1 J

Table 4B
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-10_15_20260504	EP-11_15_20260504	EP-12_15_20260504	EP-13_15_20260504	EP-X_15_20260504	EP-14_6_20260129	EP-15_6_20260129
		Lab Sample ID	460-350261-5	460-350261-6	460-350261-7	460-350261-8	460-350261-9	460-344050-1	460-344050-2
		Sample Date	5/4/2026	5/4/2026	5/4/2026	5/4/2026	5/4/2026	1/29/2026	1/29/2026
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U	0.035 U	0.037 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
2,4,5-Trichlorophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
2,4,6-Trichlorophenol	NS	NS	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
2,4-Dinitrophenol	NS	NS	0.29 U	0.29 U	0.3 U	0.29 U	0.29 U	0.29 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.073 U	0.074 U	0.076 U	0.073 U	0.072 U	0.072 U	0.075 U
2,6-Dinitrotoluene	NS	NS	0.073 U	0.074 U	0.076 U	0.073 U	0.072 U	0.072 U	0.075 U
2-Chloronaphthalene	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
2-Chlorophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
2-Methylnaphthalene	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
2-Methylphenol (O-Cresol)	0.33	100	0.22 U	0.22 U	0.23 U	0.22 U	0.22 U	0.35 U	0.37 U
2-Nitroaniline	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
2-Nitrophenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
3- And 4- Methylphenol (Total)	NS	NS	0.22 U	0.22 U	0.23 U	0.22 U	0.22 U	0.35 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.14 UJ	0.15 UJ	0.15 UJ	0.14 UJ	0.14 UJ	0.14 UJ	0.15 UJ
3-Nitroaniline	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 UJ	0.37 UJ
4,6-Dinitro-2-Methylphenol	NS	NS	0.29 U	0.29 U	0.3 U	0.29 U	0.29 U	0.29 U	0.3 U
4-Bromophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
4-Chloro-3-Methylphenol	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
4-Chloroaniline	NS	NS	0.36 UJ	0.36 UJ	0.37 UJ	0.36 UJ	0.36 UJ	0.35 UJ	0.37 UJ
4-Chlorophenyl Phenyl Ether	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
4-Methylphenol (P-Cresol)	0.33	100	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
4-Nitroaniline	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
4-Nitrophenol	NS	NS	0.73 U	0.74 U	0.76 U	0.73 U	0.72 U	0.72 U	0.75 U
Acenaphthene	20	100	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Acenaphthylene	100	100	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.02 J
Acetophenone	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Anthracene	100	100	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.062 J
Atrazine	NS	NS	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	0.36 UJ	0.36 UJ	0.37 UJ	0.36 UJ	0.36 UJ	0.35 UJ	0.37 UJ
Benzo(a)Anthracene	**1**	1	0.023 J	0.036 U	0.037 U	0.01 J	0.036 U	0.035 UJ	0.36 J
Benzo(a)Pyrene	**1**	1	0.012 J	0.036 U	0.037 U	0.036 U	0.036 U	0.035 UJ	0.31 J
Benzo(b)Fluoranthene	**1**	1	0.019 J	0.036 U	0.037 U	0.036 U	0.036 U	0.035 UJ	0.37 J
Benzo(g,h,i)Perylene	100	100	0.011 J	0.36 U	0.37 U	0.36 U	0.36 U	0.35 UJ	0.17 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.0072 J	0.036 U	0.037 U	0.036 U	0.036 U	0.035 UJ	0.17 J
Benzyl Butyl Phthalate	NS	NS	0.046 J	0.36 UJ	0.37 UJ	1.1 J	0.11 J	0.35 U	1.2
Biphenyl (Diphenyl)	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U	0.035 U	0.037 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.071 J
Caprolactam	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Carbazole	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Chrysene	**1**	3.9	0.017 J	0.36 U	0.37 U	0.0065 J	0.36 U	0.35 UJ	0.41 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U	0.035 UJ	0.048 J
Dibenzofuran	7	59	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Diethyl Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Dimethyl Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Di-N-Butyl Phthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Di-N-Octylphthalate	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Fluoranthene	100	100	0.026 J	0.36 U	0.37 U	0.36 U	0.36 U	0.35 UJ	0.7 J
Fluorene	30	100	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Hexachlorobenzene	0.33	1.2	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U	0.035 U	0.037 U
Hexachlorobutadiene	NS	NS	0.073 U	0.074 U	0.076 U	0.073 U	0.072 U	0.072 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Hexachloroethane	NS	NS	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U	0.035 U	0.037 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U	0.035 UJ	0.21 J
Isophorone	NS	NS	0.14 U	0.15 U	0.15 U	0.14 U	0.14 U	0.14 U	0.15 U
Naphthalene	12	100	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Nitrobenzene	NS	NS	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U	0.035 U	0.037 U
N-Nitrosodi-N-Propylamine	NS	NS	0.036 U	0.036 U	0.037 U	0.036 U	0.036 U	0.035 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.36 U	0.37 U	0.36 U	0.36 U	0.35 U	0.37 U
Pentachlorophenol	0.8	6.7	0.29 U	0.29 U	0.3 U	0.29 U	0.29 U	0.29 U	0.3 U
Phenanthrene	100	100	0.019 J	0.36 U	0.37 U	0.36 U	0.36 U	0.35 UJ	0.29 J
Phenol	0.33	100	0.22 U	0.22 U	0.23 U	0.22 U	0.22 U	0.35 U	0.37 U
Pyrene	100	100	0.023 J	0.36 U	0.37 U	0.015 J	0.011 J	0.35 UJ	0.68 J

Table 4B
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-16_6_20260129	EP-X_6_20260129	EP-17_6_20260129	EP-26_2_20260202	EP-27_2_20260202	EP-28_3_20260202	EP-29_3_20260202
		Lab Sample ID	460-344050-3	460-344050-4	460-344050-5	460-344162-1	460-344162-2	460-344162-3	460-344162-4
		Sample Date	1/29/2026	1/29/2026	1/29/2026	2/2/2026	2/2/2026	2/2/2026	2/2/2026
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.04 U	0.04 U	0.038 U	0.037 UJ	0.037 UJ	0.038 U	0.036 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.16 U	0.16 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.16 U	0.16 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.32 U	0.32 U	0.3 U	0.3 UJ	0.3 U	0.31 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.081 U	0.081 U	0.076 U	0.076 U	0.075 UJ	0.077 U	0.074 U
2,6-Dinitrotoluene	NS	NS	0.081 U	0.081 U	0.076 U	0.076 U	0.075 UJ	0.077 U	0.074 U
2-Chloronaphthalene	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
2-Chlorophenol	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
2-Methylnaphthalene	NS	NS	0.4 U	0.4 U	0.38 U	0.021 J	0.12 J	0.38 U	0.36 U
2-Methylphenol (O-Cresol)	0.33	100	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
2-Nitroaniline	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
2-Nitrophenol	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
3- And 4- Methylphenol (Total)	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
3,3'-Dichlorobenzidine	NS	NS	0.16 UJ	0.16 UJ	0.15 UJ	0.15 UJ	0.15 UJ	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.4 UJ	0.4 UJ	0.38 UJ	0.37 U	0.37 UJ	0.38 U	0.36 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.32 U	0.32 U	0.3 U	0.3 UJ	0.3 U	0.31 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
4-Chloroaniline	NS	NS	0.4 UJ	0.4 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.38 U	0.36 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
4-Methylphenol (P-Cresol)	0.33	100	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
4-Nitroaniline	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
4-Nitrophenol	NS	NS	0.81 U	0.81 U	0.76 U	0.76 U	0.75 U	0.77 U	0.74 U
Acenaphthene	20	100	0.049 J	0.013 J	0.38 U	0.078 J	0.41 L	0.38 U	0.36 U
Acenaphthylene	100	100	0.083 J	0.044 J	0.012 J	0.061 J	0.14 J	0.017 J	0.36 U
Acetophenone	NS	NS	0.06 J	0.4 U	0.38 U	0.37 U	0.37 UJ	0.024 J	0.36 U
Anthracene	100	100	0.29 J	0.12 J	0.025 J	0.43	1 L	0.045 J	0.023 J
Atrazine	NS	NS	0.16 U	0.16 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.4 UJ	0.4 UJ	0.38 UJ	0.37 UJ	0.37 UJ	0.1 J	0.36 UJ
Benzo(a)Anthracene	**1**	1	**1.6 J**	0.44 J	0.13 J	**2.3**	**3.6 L**	0.21	0.12
Benzo(a)Pyrene	**1**	1	**1.3 J**	0.39 J	0.12 J	**2.4**	**3.5 L**	0.19	0.12
Benzo(b)Fluoranthene	**1**	1	**1.6 J**	0.55 J	0.14 J	**2.5**	**4.4 L**	0.25	0.14
Benzo(g,h,i)Perylene	100	100	0.75 J	0.3 J	0.077 J	1.5 L	2.1 L	0.13 J	0.08 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.75 J	0.19 J	0.071 J	**0.99**	**1.6 L**	0.093	0.055
Benzyl Butyl Phthalate	NS	NS	0.06 J	0.092 J	0.38 U	0.37 U	0.3 J	0.38 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.026 J	0.38 U	0.36 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.04 U	0.04 U	0.038 U	0.037 U	0.037 UJ	0.038 U	0.036 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.15 J	0.037 J	0.38 U	0.37 U	0.021 J	0.38 U	0.36 U
Caprolactam	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
Carbazole	NS	NS	0.058 J	0.044 J	0.38 U	0.083 J	0.56 L	0.017 J	0.36 U
Chrysene	**1**	3.9	**1.6 J**	0.45 J	0.14 J	**2.4**	**3.9 L**	0.21 J	0.12 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.16 J	0.066 J	0.038 UJ	0.29	**0.48 L**	0.028 J	0.016 J
Dibenzofuran	7	59	0.019 J	0.4 U	0.38 U	0.03 J	0.27 J	0.38 U	0.36 U
Diethyl Phthalate	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
Dimethyl Phthalate	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
Fluoranthene	100	100	3.1 J	0.74 J	0.25 J	3.8	8.1 L	0.4	0.22 J
Fluorene	30	100	0.038 J	0.4 U	0.38 U	0.056 J	0.26 J	0.012 J	0.36 U
Hexachlorobenzene	0.33	1.2	0.04 U	0.04 U	0.038 U	0.037 U	0.037 UJ	0.038 U	0.036 U
Hexachlorobutadiene	NS	NS	0.081 U	0.081 U	0.076 U	0.076 U	0.075 UJ	0.077 U	0.074 U
Hexachlorocyclopentadiene	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 UJ	0.38 U	0.36 U
Hexachloroethane	NS	NS	0.04 U	0.04 U	0.038 U	0.037 U	0.037 UJ	0.038 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	**0.78 J**	0.27 J	0.096 J	**1.4**	**2.1 L**	0.12	0.069
Isophorone	NS	NS	0.16 U	0.16 U	0.15 U	0.15 U	0.15 UJ	0.15 U	0.15 U
Naphthalene	12	100	0.0086 J	0.4 U	0.38 U	0.031 J	0.12 J	0.38 U	0.36 U
Nitrobenzene	NS	NS	0.04 U	0.04 U	0.038 U	0.037 U	0.037 UJ	0.038 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.04 U	0.04 U	0.038 U	0.037 U	0.037 UJ	0.038 U	0.036 U
N-Nitrosodiphenylamine	NS	NS	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
Pentachlorophenol	0.8	6.7	0.32 U	0.32 U	0.3 U	0.3 U	0.3 UJ	0.31 U	0.29 U
Phenanthrene	100	100	1.3 J	0.36 J	0.13 J	2	6.4 L	0.22 J	0.11 J
Phenol	0.33	100	0.4 U	0.4 U	0.38 U	0.37 U	0.37 U	0.38 U	0.36 U
Pyrene	100	100	3.1 J	0.71 J	0.24 J	4.7	7.6 L	0.4	0.23 J

Table 4B
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-30_4_20260202		EP-31_10_20260608	EP-32_16_20260603	EP-33_13_20260511	EP-34_13_20260511	EP-35_13_20260511
		Lab Sample ID	460-344162-5		460-352783-1	460-352423-3	460-350805-3	460-350805-4	460-350805-5
		Sample Date	2/2/2026		6/8/2026	6/3/2026	5/11/2026	5/11/2026	5/11/2026
		Dilution Factor	1	10	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.037 U	NR	0.037 U	0.035 U	0.038 U	0.038 U	0.039 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
2,4,5-Trichlorophenol	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
2,4,6-Trichlorophenol	NS	NS	0.15 U	NR	0.15 U	0.14 UJ	0.15 U	0.15 U	0.16 U
2,4-Dichlorophenol	NS	NS	0.15 U	NR	0.15 U	0.14 UJ	0.15 U	0.15 U	0.16 U
2,4-Dimethylphenol	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
2,4-Dinitrophenol	NS	NS	0.3 U	NR	0.3 U	0.28 U	0.3 U	0.31 U	0.31 U
2,4-Dinitrotoluene	NS	NS	0.075 U	NR	0.075 U	0.07 U	0.077 U	0.077 U	0.079 U
2,6-Dinitrotoluene	NS	NS	0.075 U	NR	0.075 U	0.07 U	0.077 U	0.077 U	0.079 U
2-Chloronaphthalene	NS	NS	0.37 U	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
2-Chlorophenol	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
2-Methylnaphthalene	NS	NS	1 T	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
2-Methylphenol (O-Cresol)	0.33	100	0.37 U	NR	0.22 U	0.21 UJ	0.23 U	0.23 U	0.24 U
2-Nitroaniline	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
2-Nitrophenol	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
3- And 4- Methylphenol (Total)	NS	NS	0.3 J	NR	0.22 U	0.21 UJ	0.23 U	0.23 U	0.24 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	NR	0.15 U	0.14 U	0.15 U	0.15 U	0.16 U
3-Nitroaniline	NS	NS	0.37 U	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.3 U	NR	0.3 U	0.28 UJ	0.3 U	0.31 U	0.31 U
4-Bromophenyl Phenyl Ether	NS	NS	0.37 U	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
4-Chloro-3-Methylphenol	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
4-Chloroaniline	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.37 U	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
4-Methylphenol (P-Cresol)	0.33	100	0.3 J	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
4-Nitroaniline	NS	NS	0.37 U	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
4-Nitrophenol	NS	NS	0.75 U	NR	0.75 U	0.7 UJ	0.77 U	0.77 U	0.79 U
Acenaphthene	20	100	4	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
Acenaphthylene	100	100	0.32 J	NR	0.015 J	0.018 J	0.38 U	0.0079 J	0.39 U
Acetophenone	NS	NS	0.37 U	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
Anthracene	100	100	NR	16	0.021 J	0.027 J	0.034 J	0.019 J	0.39 U
Atrazine	NS	NS	0.15 U	NR	0.15 U	0.14 U	0.15 U	0.15 U	0.16 U
Benzaldehyde	NS	NS	0.37 UJ	NR	0.37 UJ	0.35 UJ	0.38 UJ	0.38 UJ	0.39 UJ
Benzo(a)Anthracene	**1**	1	NR	**44**	0.11 J	0.15	0.11	0.097	0.039 U
Benzo(a)Pyrene	**1**	1	NR	**35**	0.12 J	0.15	0.098	0.073	0.039 U
Benzo(b)Fluoranthene	**1**	1	NR	**42**	0.15 J	0.2	0.13	0.1	0.039 U
Benzo(g,h,i)Perylene	100	100	NR	16	0.1 J	0.12 J	0.074 J	0.054 J	0.39 U
Benzo(k)Fluoranthene	**0.8**	3.9	NR	**15**	0.063 J	0.074	0.053	0.035 J	0.039 U
Benzyl Butyl Phthalate	NS	NS	0.37 U	NR	0.025 J	0.35 U	0.38 U	0.38 U	0.39 U
Biphenyl (Diphenyl)	NS	NS	0.48	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.037 U	NR	0.037 U	0.035 U	0.038 U	0.038 U	0.039 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.37 U	NR	0.077 J	0.029 J	0.38 U	0.38 U	0.39 U
Caprolactam	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
Carbazole	NS	NS	1.7	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
Chrysene	**1**	3.9	NR	**45**	0.15 J	0.16 J	0.12 J	0.088 J	0.39 U
Dibenz(a,h)Anthracene	**0.33**	0.33	**4.3**	NR	0.037 U	0.028 J	0.022 J	0.018 J	0.039 U
Dibenzofuran	7	59	2.3	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
Diethyl Phthalate	NS	NS	0.37 U	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
Dimethyl Phthalate	NS	NS	0.37 U	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
Di-N-Butyl Phthalate	NS	NS	0.37 U	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
Di-N-Octylphthalate	NS	NS	0.37 U	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
Fluoranthene	100	100	NR	88	0.24 J	0.28 J	0.23 J	0.18 J	0.39 U
Fluorene	30	100	1.9	NR	0.37 U	0.0074 J	0.38 U	0.38 U	0.39 U
Hexachlorobenzene	0.33	1.2	0.037 U	NR	0.037 U	0.035 U	0.038 U	0.038 U	0.039 U
Hexachlorobutadiene	NS	NS	0.075 U	NR	0.075 U	0.07 UJ	0.077 U	0.077 U	0.079 U
Hexachlorocyclopentadiene	NS	NS	0.37 U	NR	0.37 U	0.35 UJ	0.38 U	0.38 U	0.39 U
Hexachloroethane	NS	NS	0.037 U	NR	0.037 U	0.035 U	0.038 U	0.038 U	0.039 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	NR	**17**	0.089 J	0.11	0.072	0.05	0.039 U
Isophorone	NS	NS	0.15 U	NR	0.15 U	0.14 UJ	0.15 U	0.15 U	0.16 U
Naphthalene	12	100	0.64	NR	0.37 U	0.0095 J	0.38 U	0.38 U	0.39 U
Nitrobenzene	NS	NS	0.037 U	NR	0.037 U	0.035 UJ	0.038 U	0.038 U	0.039 U
N-Nitrosodi-N-Propylamine	NS	NS	0.037 U	NR	0.037 U	0.035 U	0.038 U	0.038 U	0.039 U
N-Nitrosodiphenylamine	NS	NS	0.37 U	NR	0.37 U	0.35 U	0.38 U	0.38 U	0.39 U
Pentachlorophenol	0.8	6.7	0.3 U	NR	0.3 U	0.28 UJ	0.3 U	0.31 U	0.31 U
Phenanthrene	100	100	NR	82	0.091 J	0.11 J	0.14 J	0.1 J	0.39 U
Phenol	0.33	100	0.37 U	NR	0.22 U	0.21 UJ	0.23 U	0.23 U	0.24 U
Pyrene	100	100	NR	89	0.25 J	0.28 J	0.2 J	0.17 J	0.39 U

Table 4B
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-36_13_20260511	EP-37_13_20260511	EP-38_10_20260608	EP-39_16_20260605	EP-40_16_20260605	EP-41_5_20260826	EP-43_5_20260826
		Lab Sample ID	460-350805-6	460-350805-7	460-352783-2	460-352643-1	460-352643-2	460-358360-1	460-358360-2
		Sample Date	5/11/2026	5/11/2026	6/8/2026	6/5/2026	6/5/2026	8/26/2026	8/26/2026
		Dilution Factor	1	1	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.039 U	0.035 U	0.036 U	0.035 UJ	0.037 UJ	0.037 UJ	0.036 UJ
2,3,4,6-Tetrachlorophenol	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
2,4,5-Trichlorophenol	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
2,4,6-Trichlorophenol	NS	NS	0.16 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.16 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
2,4-Dinitrophenol	NS	NS	0.32 U	0.29 U	0.29 U	0.28 U	0.29 U	0.3 U	0.29 U
2,4-Dinitrotoluene	NS	NS	0.08 U	0.072 U	0.072 U	0.071 U	0.074 U	0.075 U	0.074 U
2,6-Dinitrotoluene	NS	NS	0.08 U	0.072 U	0.072 U	0.071 U	0.074 U	0.075 U	0.074 U
2-Chloronaphthalene	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
2-Chlorophenol	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
2-Methylnaphthalene	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.027 J
2-Methylphenol (O-Cresol)	0.33	100	0.24 U	0.21 U	0.22 U	0.21 U	0.22 U	0.22 U	0.22 U
2-Nitroaniline	NS	NS	0.39 U	0.35 U	0.36 UJ	0.35 U	0.37 U	0.37 UJ	0.36 UJ
2-Nitrophenol	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
3- And 4- Methylphenol (Total)	NS	NS	0.24 U	0.21 U	0.22 U	0.21 U	0.22 U	0.22 U	0.22 U
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 UJ	0.36 UJ
4,6-Dinitro-2-Methylphenol	NS	NS	0.32 U	0.29 U	0.29 U	0.28 U	0.29 U	0.3 U	0.29 U
4-Bromophenyl Phenyl Ether	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
4-Chloro-3-Methylphenol	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
4-Chloroaniline	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.037 U	0.036 U
4-Chlorophenyl Phenyl Ether	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
4-Methylphenol (P-Cresol)	0.33	100	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
4-Nitroaniline	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
4-Nitrophenol	NS	NS	0.8 U	0.72 U	0.72 U	0.71 U	0.74 U	0.75 UJ	0.74 UJ
Acenaphthene	20	100	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.013 J	0.042 J
Acenaphthylene	100	100	0.39 U	0.35 U	0.017 J	0.35 U	0.0052 J	0.0086 J	0.025 J
Acetophenone	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
Anthracene	100	100	0.39 U	0.35 U	0.026 J	0.35 U	0.37 U	0.043 J	0.083 J
Atrazine	NS	NS	0.16 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U
Benzaldehyde	NS	NS	0.39 UJ	0.35 UJ	0.36 UJ	0.35 UJ	0.37 UJ	0.37 UJ	0.36 UJ
Benzo(a)Anthracene	**1**	1	0.062	0.035 U	0.14 J	0.019 J	0.04	0.16	0.19
Benzo(a)Pyrene	**1**	1	0.05	0.035 U	0.14 J	0.0089 J	0.027 J	0.15	0.16
Benzo(b)Fluoranthene	**1**	1	0.068	0.035 U	0.19 J	0.014 J	0.037	0.22	0.22
Benzo(g,h,i)Perylene	100	100	0.038 J	0.35 U	0.1 J	0.35 U	0.024 J	0.094 J	0.09 J
Benzo(k)Fluoranthene	**0.8**	3.9	0.025 J	0.035 U	0.072 J	0.0081 J	0.019 J	0.073	0.086
Benzyl Butyl Phthalate	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
Biphenyl (Diphenyl)	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.0073 J
Bis(2-Chloroethoxy) Methane	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.039 U	0.035 U	0.036 U	0.035 U	0.037 U	0.037 UJ	0.036 UJ
Bis(2-Chloroisopropyl) Ether	NS	NS	0.39 U	0.35 U	0.36 UJ	0.35 UJ	0.37 UJ	0.37 UJ	0.36 UJ
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.39 U	0.35 U	0.067 J	0.35 U	0.37 U	0.034 J	0.36 U
Caprolactam	NS	NS	0.39 U	0.35 U	0.36 UJ	0.35 U	0.37 U	0.37 UJ	0.36 UJ
Carbazole	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.026 J	0.024 J
Chrysene	**1**	3.9	0.06 J	0.35 U	0.17 J	0.015 J	0.03 J	0.17 J	0.2 J
Dibenz(a,h)Anthracene	**0.33**	0.33	0.039 U	0.035 U	0.025 J	0.035 U	0.037 U	0.025 J	0.026 J
Dibenzofuran	7	59	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.011 J	0.036 J
Diethyl Phthalate	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
Dimethyl Phthalate	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
Di-N-Butyl Phthalate	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
Di-N-Octylphthalate	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
Fluoranthene	100	100	0.11 J	0.35 U	0.27 J	0.032 J	0.062 J	0.29 J	0.43
Fluorene	30	100	0.39 U	0.35 U	0.0071 J	0.35 U	0.37 U	0.014 J	0.061 J
Hexachlorobenzene	0.33	1.2	0.039 U	0.035 U	0.036 U	0.035 U	0.037 U	0.037 U	0.036 U
Hexachlorobutadiene	NS	NS	0.08 U	0.072 U	0.072 U	0.071 U	0.074 U	0.075 UJ	0.074 UJ
Hexachlorocyclopentadiene	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
Hexachloroethane	NS	NS	0.039 U	0.035 U	0.036 U	0.035 U	0.037 U	0.037 U	0.036 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.034 J	0.035 U	0.099 J	0.035 U	0.037 U	0.1	0.099
Isophorone	NS	NS	0.16 U	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U	0.15 U
Naphthalene	12	100	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.012 J	0.02 J
Nitrobenzene	NS	NS	0.039 U	0.035 U	0.036 U	0.035 U	0.037 U	0.037 U	0.036 U
N-Nitrosodi-N-Propylamine	NS	NS	0.039 U	0.035 U	0.036 U	0.035 U	0.037 U	0.037 UJ	0.036 UJ
N-Nitrosodiphenylamine	NS	NS	0.39 U	0.35 U	0.36 U	0.35 U	0.37 U	0.37 U	0.36 U
Pentachlorophenol	0.8	6.7	0.32 U	0.29 U	0.29 U	0.28 U	0.29 U	0.3 U	0.29 U
Phenanthrene	100	100	0.043 J	0.35 U	0.11 J	0.017 J	0.038 J	0.2 J	0.51
Phenol	0.33	100	0.24 U	0.21 U	0.22 U	0.21 U	0.22 U	0.22 U	0.22 U
Pyrene	100	100	0.091 J	0.35 U	0.28 J	0.027 J	0.056 J	0.26 J	0.38

Table 4B
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-44_4_20260204		EP-45_4_20260204		EP-45_4_20260204		EP-46_4_20260204		EP-46_4_20260204	
		Lab Sample ID	460-344323-1		460-344323-2		460-344323-2		460-344323-3		460-344323-3	
		Sample Date	2/4/2026		2/4/2026		2/4/2026		2/4/2026		2/4/2026	
		Dilution Factor	1		1		5		1		5	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
1,4-Dioxane (P-Dioxane)	0.1	13	0.039	UJ	0.039	UJ	NR		0.038	UJ	NR	
2,3,4,6-Tetrachlorophenol	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
2,4,5-Trichlorophenol	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
2,4,6-Trichlorophenol	NS	NS	0.16	UJ	0.16	UJ	NR		0.16	UJ	NR	
2,4-Dichlorophenol	NS	NS	0.16	UJ	0.16	UJ	NR		0.16	UJ	NR	
2,4-Dimethylphenol	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
2,4-Dinitrophenol	NS	NS	0.32	UJ	0.32	UJ	NR		0.31	UJ	NR	
2,4-Dinitrotoluene	NS	NS	0.08	UJ	0.08	UJ	NR		0.078	UJ	NR	
2,6-Dinitrotoluene	NS	NS	0.08	UJ	0.08	UJ	NR		0.078	UJ	NR	
2-Chloronaphthalene	NS	NS	0.39	UJ	0.058	J	NR		0.38	UJ	NR	
2-Chlorophenol	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
2-Methylnaphthalene	NS	NS	0.063	J	0.51	L	NR		0.14	J	NR	
2-Methylphenol (O-Cresol)	0.33	100	0.39	UJ	0.022	J	NR		0.022	J	NR	
2-Nitroaniline	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
2-Nitrophenol	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
3- And 4- Methylphenol (Total)	NS	NS	0.39	UJ	0.068	J	NR		0.07	J	NR	
3,3'-Dichlorobenzidine	NS	NS	0.16	UJ	0.16	UJ	NR		0.16	UJ	NR	
3-Nitroaniline	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
4,6-Dinitro-2-Methylphenol	NS	NS	0.32	UJ	0.32	UJ	NR		0.31	UJ	NR	
4-Bromophenyl Phenyl Ether	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
4-Chloro-3-Methylphenol	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
4-Chloroaniline	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
4-Chlorophenyl Phenyl Ether	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
4-Methylphenol (P-Cresol)	0.33	100	0.39	UJ	0.068	J	NR		0.07	J	NR	
4-Nitroaniline	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
4-Nitrophenol	NS	NS	0.8	UJ	0.8	UJ	NR		0.78	UJ	NR	
Acenaphthene	20	100	0.15	J	1.8	L	NR		0.44	L	NR	
Acenaphthylene	100	100	0.25	J	1.1	L	NR		3.3	L	NR	
Acetophenone	NS	NS	0.03	J	0.39	UJ	NR		0.38	UJ	NR	
Anthracene	100	100	0.6	L	4.8	L	NR		2.6	L	NR	
Atrazine	NS	NS	0.16	UJ	0.16	UJ	NR		0.16	UJ	NR	
Benzaldehyde	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
Benzo(a)Anthracene	**1**	1	**3**	**L**	NR		**16**	**L**	NR		**10**	**L**
Benzo(a)Pyrene	**1**	1	**3.4**	**L**	NR		**14**	**L**	NR		**10**	**L**
Benzo(b)Fluoranthene	**1**	1	**4.7**	**L**	NR		**21**	**L**	NR		**15**	**L**
Benzo(g,h,i)Perylene	100	100	2.1	L	5.7	L	NR		5.6	L	NR	
Benzo(k)Fluoranthene	**0.8**	3.9	**1.5**	**L**	**5.6**	**L**	NR		**6.3**	**L**	NR	
Benzyl Butyl Phthalate	NS	NS	0.054	J	0.39	UJ	NR		0.38	UJ	NR	
Biphenyl (Diphenyl)	NS	NS	0.019	J	0.17	J	NR		0.05	J	NR	
Bis(2-Chloroethoxy) Methane	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.039	UJ	0.039	UJ	NR		0.038	UJ	NR	
Bis(2-Chloroisopropyl) Ether	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.55	L	0.39	UJ	NR		0.38	UJ	NR	
Caprolactam	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
Carbazole	NS	NS	0.28	J	2.2	L	NR		1.1	L	NR	
Chrysene	**1**	3.9	**3.2**	**L**	NR		**16**	**L**	NR		**11**	**L**
Dibenz(a,h)Anthracene	**0.33**	0.33	**0.55**	**L**	**1.6**	**L**	NR		**1.7**	**L**	NR	
Dibenzofuran	7	59	0.095	J	0.95	L	NR		0.29	J	NR	
Diethyl Phthalate	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
Dimethyl Phthalate	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
Di-N-Butyl Phthalate	NS	NS	0.052	J	0.67	L	NR		0.1	J	NR	
Di-N-Octylphthalate	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
Fluoranthene	100	100	5.1	L	NR		36	L	NR		20	L
Fluorene	30	100	0.14	J	1.7	L	NR		0.66	L	NR	
Hexachlorobenzene	0.33	1.2	0.039	UJ	0.039	UJ	NR		0.038	UJ	NR	
Hexachlorobutadiene	NS	NS	0.08	UJ	0.08	UJ	NR		0.078	UJ	NR	
Hexachlorocyclopentadiene	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
Hexachloroethane	NS	NS	0.039	UJ	0.039	UJ	NR		0.038	UJ	NR	
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	**2**	**L**	**6.2**	**L**	NR		**6.1**	**L**	NR	
Isophorone	NS	NS	0.16	UJ	0.16	UJ	NR		0.16	UJ	NR	
Naphthalene	12	100	0.12	J	1.4	L	NR		0.36	J	NR	
Nitrobenzene	NS	NS	0.039	UJ	0.039	UJ	NR		0.038	UJ	NR	
N-Nitrosodi-N-Propylamine	NS	NS	0.039	UJ	0.039	UJ	NR		0.038	UJ	NR	
N-Nitrosodiphenylamine	NS	NS	0.39	UJ	0.39	UJ	NR		0.38	UJ	NR	
Pentachlorophenol	0.8	6.7	0.32	UJ	0.32	UJ	NR		0.31	UJ	NR	
Phenanthrene	100	100	2.6	L	NR		25	L	NR		9.5	L
Phenol	0.33	100	0.39	UJ	0.041	J	NR		0.054	J	NR	
Pyrene	100	100	4.3	L	NR		28	L	NR		16	L

Table 4B
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-47_4_20260204		EP-49_16_20260608	EP-X_16_20260608	EP-50_18_20260605	EP-53_15_20260504	EP-54_15_20260504
		Lab Sample ID	460-344323-4		460-352783-3	460-352783-6	460-352643-3	460-350261-1	460-350261-2
		Sample Date	2/4/2026		6/8/2026	6/8/2026	6/5/2026	5/4/2026	5/4/2026
		Dilution Factor	1	5	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
1,4-Dioxane (P-Dioxane)	0.1	13	0.04 U	NR	0.036 U	0.034 U	0.037 UJ	0.04 U	0.038 U
2,3,4,6-Tetrachlorophenol	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
2,4,5-Trichlorophenol	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
2,4,6-Trichlorophenol	NS	NS	0.16 U	NR	0.15 U	0.14 U	0.15 U	0.16 U	0.15 U
2,4-Dichlorophenol	NS	NS	0.16 U	NR	0.15 U	0.14 U	0.15 U	0.16 U	0.15 U
2,4-Dimethylphenol	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
2,4-Dinitrophenol	NS	NS	0.32 U	NR	0.29 U	0.28 U	0.3 U	0.32 U	0.3 U
2,4-Dinitrotoluene	NS	NS	0.08 U	NR	0.073 U	0.07 U	0.075 U	0.08 U	0.077 U
2,6-Dinitrotoluene	NS	NS	0.08 U	NR	0.073 U	0.07 U	0.075 U	0.08 U	0.077 U
2-Chloronaphthalene	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
2-Chlorophenol	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
2-Methylnaphthalene	NS	NS	0.76 T	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
2-Methylphenol (O-Cresol)	0.33	100	0.024 J	NR	0.22 U	0.21 U	0.22 U	0.24 U	0.23 U
2-Nitroaniline	NS	NS	0.4 U	NR	0.36 UJ	0.34 UJ	0.37 U	0.4 U	0.38 U
2-Nitrophenol	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
3- And 4- Methylphenol (Total)	NS	NS	0.07 J	NR	0.22 U	0.21 U	0.22 U	0.24 U	0.23 U
3,3'-Dichlorobenzidine	NS	NS	0.16 UJ	NR	0.15 U	0.14 UJ	0.15 U	0.16 UJ	0.15 UJ
3-Nitroaniline	NS	NS	0.4 UJ	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	0.32 UJ	NR	0.29 U	0.28 U	0.3 U	0.32 U	0.3 UJ
4-Bromophenyl Phenyl Ether	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
4-Chloro-3-Methylphenol	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
4-Chloroaniline	NS	NS	0.4 UJ	NR	0.36 UJ	0.34 UJ	0.37 U	0.4 UJ	0.38 UJ
4-Chlorophenyl Phenyl Ether	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
4-Methylphenol (P-Cresol)	0.33	100	0.07 J	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
4-Nitroaniline	NS	NS	0.28 J	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
4-Nitrophenol	NS	NS	0.8 U	NR	0.73 U	0.7 U	0.75 U	0.8 U	0.77 U
Acenaphthene	20	100	1.5	NR	0.013 J	0.34 U	0.37 U	0.4 U	0.013 J
Acenaphthylene	100	100	0.84	NR	0.021 J	0.34 U	0.016 J	0.4 U	0.012 J
Acetophenone	NS	NS	0.021 J	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
Anthracene	100	100	4.5	NR	0.037 J	0.016 J	0.02 J	0.4 U	0.027 J
Atrazine	NS	NS	0.16 U	NR	0.15 U	0.14 U	0.15 U	0.16 U	0.15 U
Benzaldehyde	NS	NS	0.4 UJ	NR	0.36 UJ	0.34 UJ	0.37 UJ	0.4 UJ	0.38 UJ
Benzo(a)Anthracene	**1**	1	NR	**11**	0.15 J	0.068 J	0.082	0.04 U	0.1
Benzo(a)Pyrene	**1**	1	NR	**9.9**	0.15 J	0.067 J	0.072	0.04 U	0.089
Benzo(b)Fluoranthene	**1**	1	NR	**14**	0.2 J	0.078 J	0.093	0.04 U	0.12
Benzo(g,h,i)Perylene	100	100	5.4	NR	0.12 J	0.043 J	0.052 J	0.4 U	0.063 J
Benzo(k)Fluoranthene	**0.8**	3.9	**5.7**	NR	0.072 J	0.036 J	0.05	0.04 U	0.046
Benzyl Butyl Phthalate	NS	NS	0.38 J	NR	0.36 U	0.34 U	0.37 U	0.4 UJ	0.14 J
Biphenyl (Diphenyl)	NS	NS	0.16 J	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
Bis(2-Chloroethoxy) Methane	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.04 U	NR	0.036 U	0.034 U	0.037 U	0.04 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.4 U	NR	0.36 UJ	0.34 UJ	0.37 U	0.4 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.4 U	NR	0.072 J	0.34 U	0.37 U	0.4 U	0.038 J
Caprolactam	NS	NS	0.4 U	NR	0.36 UJ	0.34 UJ	0.37 U	0.4 U	0.38 U
Carbazole	NS	NS	1.9	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
Chrysene	**1**	3.9	NR	**11**	0.18 J	0.08 J	0.094 J	0.4 U	0.1 J
Dibenz(a,h)Anthracene	**0.33**	0.33	**1.7**	NR	0.035 J	0.034 U	0.013 J	0.04 U	0.02 J
Dibenzofuran	7	59	0.96	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
Diethyl Phthalate	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
Dimethyl Phthalate	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
Di-N-Octylphthalate	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
Fluoranthene	100	100	NR	24	0.33 J	0.16 J	0.17 J	0.4 U	0.21 J
Fluorene	30	100	1.3	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.011 J
Hexachlorobenzene	0.33	1.2	0.04 U	NR	0.036 U	0.034 U	0.037 U	0.04 U	0.038 U
Hexachlorobutadiene	NS	NS	0.08 U	NR	0.073 U	0.07 U	0.075 U	0.08 U	0.077 U
Hexachlorocyclopentadiene	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
Hexachloroethane	NS	NS	0.04 U	NR	0.036 U	0.034 U	0.037 U	0.04 U	0.038 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	**5.9**	NR	0.11 J	0.034 UJ	0.047	0.04 U	0.065
Isophorone	NS	NS	0.16 U	NR	0.15 U	0.14 U	0.15 U	0.16 U	0.15 U
Naphthalene	12	100	1.1	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.0084 J
Nitrobenzene	NS	NS	0.04 U	NR	0.036 U	0.034 U	0.037 U	0.04 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	0.04 U	NR	0.036 U	0.034 U	0.037 U	0.04 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.4 U	NR	0.36 U	0.34 U	0.37 U	0.4 U	0.38 U
Pentachlorophenol	0.8	6.7	0.32 UJ	NR	0.29 U	0.28 U	0.3 U	0.32 U	0.3 UJ
Phenanthrene	100	100	NR	18	0.17 J	0.1 J	0.078 J	0.4 U	0.12 J
Phenol	0.33	100	0.042 J	NR	0.22 U	0.21 U	0.22 U	0.24 U	0.23 U
Pyrene	100	100	NR	20	0.32 J	0.14 J	0.14 J	0.011 J	0.19 J

Table 4B
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Semivolatile Organic Compounds (SVOCs)

		AKRF Sample ID	EP-57_15_20260504		EP-58_15_20260504		FB-02_20260511		FB-03_20260608		EP-FB_01_20260129	
		Lab Sample ID	460-350261-3		460-350261-4		460-350805-1		460-352783-4		460-344050-6	
		Sample Date	5/4/2026		5/4/2026		5/11/2026		6/8/2026		1/29/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		µg/L		µg/L		µg/L	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
1,2,4,5-Tetrachlorobenzene	NS	NS	0.38	U	0.37	U	5	U	5	U	10	U
1,4-Dioxane (P-Dioxane)	0.1	13	0.038	U	0.037	U	10	UJ	10	U	10	U
2,3,4,6-Tetrachlorophenol	NS	NS	0.38	U	0.37	U	10	U	10	U	10	UJ
2,4,5-Trichlorophenol	NS	NS	0.38	U	0.37	U	10	U	10	U	10	UJ
2,4,6-Trichlorophenol	NS	NS	0.15	U	0.15	U	3	U	3	U	3	UJ
2,4-Dichlorophenol	NS	NS	0.15	U	0.15	U	5	U	5	U	10	UJ
2,4-Dimethylphenol	NS	NS	0.38	U	0.37	U	1.6	U	1.6	U	10	UJ
2,4-Dinitrophenol	NS	NS	0.31	U	0.3	U	1.6	U	1.6	U	12	UJ
2,4-Dinitrotoluene	NS	NS	0.077	U	0.075	U	5	U	5	U	10	U
2,6-Dinitrotoluene	NS	NS	0.077	U	0.075	U	2	U	2	U	2	U
2-Chloronaphthalene	NS	NS	0.38	U	0.37	U	10	U	10	U	10	U
2-Chlorophenol	NS	NS	0.38	U	0.37	U	10	U	10	U	10	UJ
2-Methylnaphthalene	NS	NS	0.38	U	0.37	U	10	U	10	U	10	U
2-Methylphenol (O-Cresol)	0.33	100	0.23	U	0.22	U	10	U	10	U	10	UJ
2-Nitroaniline	NS	NS	0.38	U	0.37	U	5	U	5	U	10	U
2-Nitrophenol	NS	NS	0.38	U	0.37	U	10	U	10	U	10	UJ
3- And 4- Methylphenol (Total)	NS	NS	0.23	U	0.22	U	10	U	10	U	10	UJ
3,3'-Dichlorobenzidine	NS	NS	0.15	UJ	0.15	UJ	5	U	5	U	5.2	UJ
3-Nitroaniline	NS	NS	0.38	U	0.37	U	5	U	5	U	10	U
4,6-Dinitro-2-Methylphenol	NS	NS	0.31	U	0.3	U	20	U	20	U	20	UJ
4-Bromophenyl Phenyl Ether	NS	NS	0.38	U	0.37	U	10	U	10	U	10	U
4-Chloro-3-Methylphenol	NS	NS	0.38	U	0.37	U	10	U	10	U	10	UJ
4-Chloroaniline	NS	NS	0.38	UJ	0.37	UJ	5	U	5	U	5	UJ
4-Chlorophenyl Phenyl Ether	NS	NS	0.38	U	0.37	U	10	U	10	U	10	U
4-Methylphenol (P-Cresol)	0.33	100	0.38	U	0.37	U	10	U	10	U	10	UJ
4-Nitroaniline	NS	NS	0.38	U	0.37	U	5	U	5	U	10	U
4-Nitrophenol	NS	NS	0.77	U	0.75	U	20	UJ	20	U	20	UJ
Acenaphthene	20	100	0.38	U	0.37	U	10	U	10	U	10	U
Acenaphthylene	100	100	0.38	U	0.37	U	10	U	10	U	10	U
Acetophenone	NS	NS	0.38	U	0.37	U	10	U	10	U	10	U
Anthracene	100	100	0.38	U	0.37	U	10	U	10	U	10	U
Atrazine	NS	NS	0.15	U	0.15	U	2	U	2	U	2	U
Benzaldehyde	NS	NS	0.38	UJ	0.37	UJ	10	UJ	10	UJ	10	UJ
Benzo(a)Anthracene	**1**	1	0.015	J	0.037	U	1	U	1	U	1	UJ
Benzo(a)Pyrene	**1**	1	0.0078	J	0.037	U	1	U	1	U	1	UJ
Benzo(b)Fluoranthene	**1**	1	0.012	J	0.037	U	2	U	2	U	2	UJ
Benzo(g,h,i)Perylene	100	100	0.38	U	0.37	U	10	U	10	U	10	UJ
Benzo(k)Fluoranthene	**0.8**	3.9	0.038	U	0.037	U	1	U	1	U	1	UJ
Benzyl Butyl Phthalate	NS	NS	0.38	UJ	0.37	UJ	10	U	10	U	10	UJ
Biphenyl (Diphenyl)	NS	NS	0.38	U	0.37	U	5	U	5	U	5	U
Bis(2-Chloroethoxy) Methane	NS	NS	0.38	U	0.37	U	5	U	5	U	10	U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	0.038	U	0.037	U	1	U	1	U	1	U
Bis(2-Chloroisopropyl) Ether	NS	NS	0.38	U	0.37	U	5	U	5	U	10	U
Bis(2-Ethylhexyl) Phthalate	NS	NS	0.38	U	0.37	U	2	U	2	U	2	UJ
Caprolactam	NS	NS	0.38	U	0.37	U	10	UJ	10	UJ	10	UJ
Carbazole	NS	NS	0.38	U	0.37	U	10	U	10	U	10	U
Chrysene	**1**	3.9	0.0088	J	0.37	U	2	U	2	U	2	UJ
Dibenz(a,h)Anthracene	**0.33**	0.33	0.038	U	0.037	U	1	U	1	U	1	UJ
Dibenzofuran	7	59	0.38	U	0.37	U	10	U	10	U	10	U
Diethyl Phthalate	NS	NS	0.38	U	0.37	U	10	U	10	U	10	U
Dimethyl Phthalate	NS	NS	0.38	U	0.37	U	10	U	10	U	10	U
Di-N-Butyl Phthalate	NS	NS	0.38	U	0.37	U	10	U	10	U	10	U
Di-N-Octylphthalate	NS	NS	0.38	U	0.37	U	10	U	10	U	10	U
Fluoranthene	100	100	0.017	J	0.37	U	10	U	10	U	10	U
Fluorene	30	100	0.38	U	0.37	U	10	U	10	U	10	U
Hexachlorobenzene	0.33	1.2	0.038	U	0.037	U	1	U	1	U	1	U
Hexachlorobutadiene	NS	NS	0.077	U	0.075	U	0.5	U	0.5	U	1	U
Hexachlorocyclopentadiene	NS	NS	0.38	U	0.37	U	5	U	5	U	10	U
Hexachloroethane	NS	NS	0.038	U	0.037	U	0.8	UJ	0.8	UJ	0.8	U
Indeno(1,2,3-c,d)Pyrene	**0.5**	0.5	0.038	U	0.037	U	2	U	2	U	2	UJ
Isophorone	NS	NS	0.15	U	0.15	U	10	U	10	U	10	U
Naphthalene	12	100	0.38	U	0.37	U	2	U	2	U	2	U
Nitrobenzene	NS	NS	0.038	U	0.037	U	0.4	U	0.4	U	1	U
N-Nitrosodi-N-Propylamine	NS	NS	0.038	U	0.037	U	1	U	1	U	1	U
N-Nitrosodiphenylamine	NS	NS	0.38	U	0.37	U	10	U	10	U	10	U
Pentachlorophenol	0.8	6.7	0.31	U	0.3	U	20	U	20	U	20	UJ
Phenanthrene	100	100	0.01	J	0.37	U	10	U	10	U	10	U
Phenol	0.33	100	0.23	U	0.22	U	10	UJ	10	UJ	10	UJ
Pyrene	100	100	0.014	J	0.37	U	10	U	10	U	10	U

Table 4C
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	EP-04_14_20260601		EP-05_14_20260601		EP-06_12_20260601		EP-07_16_20260601		EP-08_16_20260603		EP-09_18_20260603	
		Lab Sample ID	460-352213-2		460-352213-3		460-352213-1		460-352213-4		460-352423-1		460-352423-2	
		Sample Date	6/1/2026		6/1/2026		6/1/2026		6/1/2026		6/3/2026		6/3/2026	
		Dilution Factor	1		1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	17,400		11,600		7,840		8,300		9,910		13,800	
Antimony	NS	NS	0.99	U	1	U	1.1	UJ	1	U	1	U	1.1	U
Arsenic	13	16	2.8		1.9		1.1		1.3		2.3		2.5	
Barium	**350**	400	65.3	J	56.6	J	36.8	J	62.7	J	83.8		128	
Beryllium	7.2	72	0.76		0.53		0.44		0.52		0.84		0.73	
Cadmium	2.5	4.3	0.11	J	0.51	U	0.53	U	0.5	U	0.17	J	0.55	U
Calcium	NS	NS	4,070		63,600		99,300		97,400		31,000		2,750	
Chromium, Total	NS	NS	30		23.9		14.3		16.5		22.4		29.6	
Cobalt	NS	NS	10.8	J	7.4	J	5.8	J	6.8	J	14		11.6	
Copper	**50**	270	21.7		14.8		12.4		14.4		16.8		18.4	
Iron	NS	NS	23,200		17,900		12,200		14,600		23,500		20,200	
Lead	**63**	400	12.8	J	13.2	J	8.4	J	18.2	J	7.7		9.3	
Magnesium	NS	NS	8,720		11,900		23,100		18,800		12,700		6,060	
Manganese	1,600	2,000	558	J	447	J	300	J	397	J	849		230	
Mercury	**0.18**	0.81	0.016	J	0.02		0.015	J	0.02		0.01	J	0.013	J
Nickel	**30**	310	20.7	J	14.2	J	11.4	J	13	J	22.2		19.8	
Potassium	NS	NS	1,510	J	2,590	J	1,820	J	1,850	J	2,070		5,550	
Selenium	3.9	180	1.2	U	1.3	U	1.3	U	1.3	U	1.3	U	1.4	U
Silver	2	180	0.4	U	0.41	U	0.43	U	0.4	U	0.41	U	0.44	U
Sodium	NS	NS	178	J	426	J	484	J	391	J	686		458	
Thallium	NS	NS	0.23	J	0.16	J	0.14	J	0.18	J	0.52		0.4	J
Vanadium	NS	NS	34.2		25.9		16.4		18.9		25.6		42.3	
Zinc	**109**	10,000	54.5		66.6		39.8		50.4		92.2		70.6	

Table 4C
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	EP-10_15_20260504		EP-11_15_20260504		EP-12_15_20260504		EP-13_15_20260504		EP-X_15_20260504		EP-14_6_20260129	
		Lab Sample ID	460-350261-5		460-350261-6		460-350261-7		460-350261-8		460-350261-9		460-344050-1	
		Sample Date	5/4/2026		5/4/2026		5/4/2026		5/4/2026		5/4/2026		1/29/2026	
		Dilution Factor	1		1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	9,310		5,370		3,780		6,410		6,410		11,800	
Antimony	NS	NS	0.98	U	1	U	1	U	1.1	UJ	0.99	U	1	U
Arsenic	13	16	1.3		0.94	J	0.83	J	1.3		1.3		3	
Barium	**350**	400	88.2		37.2		26.2		45.7		44.5		66.5	
Beryllium	7.2	72	0.41		0.35	J	0.3	J	0.4	J	0.43		0.48	
Cadmium	2.5	4.3	0.49	U	0.5	U	0.52	U	0.12	J	0.49	U	0.12	J
Calcium	NS	NS	21,300		52,800		47,600		38,800		32,600		18,800	
Chromium, Total	NS	NS	23.5		12.4		10.3		17.7		18		20.8	
Cobalt	NS	NS	10.5		6.4		5.9		7.9		7.3		6.6	
Copper	**50**	270	23.2		14.5		12.3		15.4		17.7		17.6	
Iron	NS	NS	19,000		13,900		11,300		15,700		15,200		15,300	
Lead	**63**	400	7.8		8		3.6		7.3		8.3		**85.4**	
Magnesium	NS	NS	13,700		22,300		24,000		20,500		15,400		11,400	
Manganese	1,600	2,000	595		271		267		389		321		237	
Mercury	**0.18**	0.81	0.022		0.011	J	0.0089	J	0.012	J	0.012	J	0.089	
Nickel	**30**	310	19.1		11.1		10.8		13.7		13.4		12.7	
Potassium	NS	NS	3,290		1,360		963		1,680		1,680		1,200	
Selenium	3.9	180	1.2	U	1.3	U	1.3	U	1.4	U	1.2	U	0.17	J
Silver	2	180	0.39	U	0.4	U	0.42	U	0.44	U	0.39	U	0.4	U
Sodium	NS	NS	506		469		316		341		327		526	
Thallium	NS	NS	0.26	J	0.19	J	0.17	J	0.23	J	0.2	J	0.13	J
Vanadium	NS	NS	29.8		16.5		14.8		22.3		22.4		23	
Zinc	**109**	10,000	53		32.5		26.6		39.6		38.6		69.3	

Table 4C
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	EP-15_6_20260129				EP-16_6_20260129		EP-X_6_20260129		EP-17_6_20260129		EP-26_2_20260202	
		Lab Sample ID	460-344050-2				460-344050-3		460-344050-4		460-344050-5		460-344162-1	
		Sample Date	1/29/2026				1/29/2026		1/29/2026		1/29/2026		2/2/2026	
		Dilution Factor	1		2		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	7,730		NR		9,510		8,930		9,150		13,500	
Antimony	NS	NS	0.49	J	NR		0.37	J	0.45	J	0.27	J	0.21	J
Arsenic	13	16	4.4		NR		3.7		4.1		3.9		5.6	
Barium	**350**	400	312		NR		235		250		**364**	**L**	130	J
Beryllium	7.2	72	0.32	J	NR		0.58		0.4	J	0.45	J	0.57	
Cadmium	2.5	4.3	0.45	J	NR		0.55		0.77		0.43	J	0.34	J
Calcium	NS	NS	69,600		NR		41,900		52,500		65,900		41,800	J
Chromium, Total	NS	NS	18.1		NR		29.4		20.7		18.3	L	24	
Cobalt	NS	NS	5.2		NR		6.5		7.1		5.5		7	
Copper	**50**	270	32.7		NR		28.3		40.4		29.9	L	34	J
Iron	NS	NS	15,400		NR		17,800		17,700		18,400		17,200	
Lead	**63**	400	**333**		NR		**287**		**372**		**248**		**271**	**J**
Magnesium	NS	NS	14,400		NR		17,000		20,500		14,600		21,100	J
Manganese	1,600	2,000	226		NR		218		266		279		373	J
Mercury	**0.18**	0.81	NR		**1**		**0.56**		**0.6**		**0.69**		**0.76**	
Nickel	**30**	310	15.5		NR		14.4		23.1		13.8		15.8	
Potassium	NS	NS	1,820		NR		1,690		1,720		2,200	L	1,180	
Selenium	3.9	180	0.22	J	NR		0.2	J	0.3	J	0.44	J	0.49	J
Silver	2	180	0.17	J	NR		0.11	J	0.15	J	0.14	J	0.4	
Sodium	NS	NS	462		NR		421		504		451		626	
Thallium	NS	NS	0.11	J	NR		0.14	J	0.14	J	0.09	J	0.21	J
Vanadium	NS	NS	19.2		NR		24.4		40		22.1	L	31.1	
Zinc	**109**	10,000	**283**		NR		**223**		**334**		**295**		**192**	**J**

Table 4C
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	EP-27_2_20260202			EP-28_3_20260202		EP-29_3_20260202		EP-30_4_20260202		EP-31_10_20260608	
		Lab Sample ID	460-344162-2			460-344162-3		460-344162-4		460-344162-5		460-352783-1	
		Sample Date	2/2/2026			2/2/2026		2/2/2026		2/2/2026		6/8/2026	
		Dilution Factor	1		3	1		1		1		1	
		Unit	mg/kg		mg/kg	mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	9,570		NR		10,800		14,200		9,310		10,700	
Antimony	NS	NS	1.6		NR		0.31	J	0.33	J	0.65	J	1	U
Arsenic	13	16	8.7		NR		6		9.1	L	7.1		1.6	
Barium	**350**	400	**445**	**J**	NR		**543**	**J**	89.6	J	145	J	84.5	
Beryllium	7.2	72	0.43		NR		0.45		0.78		0.41		0.63	
Cadmium	2.5	4.3	1.2		NR		0.53		0.16	J	0.72		0.14	J
Calcium	NS	NS	45,200	J	NR		40,400	J	4,880	J	89,300	J	43,800	
Chromium, Total	NS	NS	23.7		NR		20.1		30.6	L	18.1		25	
Cobalt	NS	NS	6		NR		6.8		9.3	L	5.1		12.8	
Copper	**50**	270	**105**	**J**	NR		31	J	20.9	J	**79.9**	**J**	23.6	
Iron	NS	NS	18,000		NR		14,700		21,100		21,500		21,800	
Lead	**63**	400	**714**	**J**	NR		**262**	**J**	**94.8**	**J**	**440**	**J**	21.2	
Magnesium	NS	NS	20,400	J	NR		14,400	J	8,550	J	46,400	J	14,800	
Manganese	1,600	2,000	320	J	NR		332	J	553	J	311	J	605	
Mercury	**0.18**	0.81	NR		**1**		**0.47**		**0.86**		**0.8**		0.018	
Nickel	**30**	310	18.4		NR		14.4		19	L	15.2		21	
Potassium	NS	NS	1,330		NR		1,400		1,880	H	1,140		2,290	
Selenium	3.9	180	0.6	J	NR		0.26	J	0.22	J	0.46	J	0.13	J
Silver	2	180	0.72		NR		0.27	J	0.44	U	0.38	J	0.41	U
Sodium	NS	NS	286		NR		278		135		170		554	
Thallium	NS	NS	0.2	J	NR		0.14	J	0.24	J	0.16	J	0.39	J
Vanadium	NS	NS	27.4		NR		26.8		33.9	L	21.9		31.2	
Zinc	**109**	10,000	**561**	**J**	NR		**344**	**J**	79.6	J	**320**	**J**	75.1	

Table 4C
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	EP-32_16_20260603		EP-33_13_20260511		EP-34_13_20260511		EP-35_13_20260511		EP-36_13_20260511		EP-37_13_20260511	
		Lab Sample ID	460-352423-3		460-350805-3		460-350805-4		460-350805-5		460-350805-6		460-350805-7	
		Sample Date	6/3/2026		5/11/2026		5/11/2026		5/11/2026		5/11/2026		5/11/2026	
		Dilution Factor	1		1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	14,500		9,230		9,550		12,600		9,450		5,000	
Antimony	NS	NS	0.11	J	0.12	J	0.21	J	0.095	J	0.2	J	0.96	U
Arsenic	13	16	3.1		2.5		3.1		3.4		3.4		2	
Barium	**350**	400	85.3		209		281		111		**388**		22.9	
Beryllium	7.2	72	0.83		0.46		0.45		0.89		0.43		0.4	
Cadmium	2.5	4.3	0.36	J	0.22	J	0.35	J	0.21	J	0.63		0.48	U
Calcium	NS	NS	31,900		73,400		46,200		4,340		29,200		1,950	
Chromium, Total	NS	NS	28		19.3		19.2		22.8		17.7		15.4	
Cobalt	NS	NS	10		7.5		7.1		7.4		8		6.2	
Copper	**50**	270	19.6		29.3		22.7		12		33.3		17	
Iron	NS	NS	27,400		17,100		16,700		19,700		18,100		15,600	
Lead	**63**	400	29		**82**		**163**		11.8		**121**		4.8	
Magnesium	NS	NS	13,300		10,300		9,470		3,430		8,090		2,420	
Manganese	1,600	2,000	520		307		362		679		1,050		493	
Mercury	**0.18**	0.81	0.039		0.081		0.13		0.1		**0.26**		0.018	U
Nickel	**30**	310	16.4		14.2		14.1		15.3		22.2		10.2	
Potassium	NS	NS	1,950		2,300		1,830		1,030		1,470		1,390	
Selenium	3.9	180	0.17	J	0.17	J	0.25	J	0.47	J	0.2	J	1.2	U
Silver	2	180	0.37	U	0.41	U	0.41	U	0.42	U	0.43	U	0.39	U
Sodium	NS	NS	423		336		300		179		461		142	
Thallium	NS	NS	0.25	J	0.19	J	0.19	J	0.11	J	0.13	J	0.11	J
Vanadium	NS	NS	31		22.9		24		24.8		28.5		19.8	
Zinc	**109**	10,000	109		**146**		**188**		50.8		**245**		36	

Table 4C
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	EP-38_10_20260608		EP-39_16_20260605		EP-40_16_20260605		EP-41_5_20260826		EP-41_5_20260826		EP-43_5_	
		Lab Sample ID	460-352783-2		460-352643-1		460-352643-2		460-358360-1		460-358360-1		460-35	
		Sample Date	6/8/2026		6/5/2026		6/5/2026		8/26/2026		8/26/2026		8/26/	
		Dilution Factor	1		1		1		1		2		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	10,900		9,180		9,380		6,440		NR		5,550	
Antimony	NS	NS	0.97	U	0.97	U	0.99	U	0.53	J	NR		0.082	J
Arsenic	13	16	1.7		1.3		2.8		6.9		NR		2.1	
Barium	**350**	400	73.3		62		107		214		NR		67	
Beryllium	7.2	72	0.65		0.63		0.77		0.41		NR		0.24	J
Cadmium	2.5	4.3	0.12	J	0.49	U	0.14	J	0.75		NR		0.17	J
Calcium	NS	NS	42,700		14,900		5,170		NR		138,000		NR	
Chromium, Total	NS	NS	25		22.1		24.8		13.3		NR		12.5	
Cobalt	NS	NS	13		9.6		13.8		3.9		NR		3.5	
Copper	**50**	270	25.4		24.5		22.2		**135**		NR		17.9	
Iron	NS	NS	21,600		19,000		25,400		13,100	B	NR		9,070	
Lead	**63**	400	15.3		13.2		10.6		**1,910**		NR		**104**	
Magnesium	NS	NS	18,700		6,610		4,740		NR		59,300		NR	
Manganese	1,600	2,000	536		389		1,150		394		NR		179	
Mercury	**0.18**	0.81	0.021		0.022		0.014	J	**0.29**		NR		0.063	
Nickel	**30**	310	20.8		16.2		19.1		10		NR		7.8	
Potassium	NS	NS	2,700		2,040		1,960		2,440		NR		2,250	
Selenium	3.9	180	0.15	J	1.2	U	1.2	U	0.3	J	NR		1.2	U
Silver	2	180	0.39	U	0.39	U	0.4	U	0.14	J	NR		0.39	U
Sodium	NS	NS	430		226		225		111		NR		290	
Thallium	NS	NS	0.35	J	0.24	J	0.3	J	0.17	J	NR		0.063	J
Vanadium	NS	NS	29.5		32.3		32.1		20.7		NR		14.8	
Zinc	**109**	10,000	67.2		57.7		57.4		**227**		NR		63.2	

Table 4C
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	20260826		EP-44_4_20260204		EP-45_4_20260204		EP-45_4_20260204		EP-46_4_20260204		EP-47_4_20260204	
		Lab Sample ID	8360-2		460-344323-1		460-344323-2		460-344323-2		460-344323-3		460-344323-4	
		Sample Date	2026		2/4/2026		2/4/2026		2/4/2026		2/4/2026		2/4/2026	
		Dilution Factor	2		1		1		3		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	NR		7,430	J	8,000	J	NR		6,870	J	5,460	J
Antimony	NS	NS	NR		1.7	L	0.76	J	NR		3.4		0.67	J
Arsenic	13	16	NR		8.9		8.9		NR		6.9		5.5	
Barium	**350**	400	NR		**646**	**J**	**388**	**J**	NR		**516**	**J**	267	J
Beryllium	7.2	72	NR		0.35	J	0.39	J	NR		0.34	J	0.28	J
Cadmium	2.5	4.3	NR		1.9		1.4		NR		1.7		1.3	
Calcium	NS	NS	145,000		64,500		39,800		NR		95,500		72,400	
Chromium, Total	NS	NS	NR		28.9	J	18.3	J	NR		22.1	J	16	J
Cobalt	NS	NS	NR		7		5.3		NR		5.9		4.6	
Copper	**50**	270	NR		**74.5**	**J**	**60.1**	**J**	NR		**72.6**	**J**	42.3	J
Iron	NS	NS	NR		28,500	J	16,500	J	NR		17,400	J	14,100	J
Lead	**63**	400	NR		**960**		**553**		NR		**1,170**		**688**	
Magnesium	NS	NS	40,300		13,000		11,900		NR		14,400		19,100	
Manganese	1,600	2,000	NR		293		303		NR		322		218	
Mercury	**0.18**	0.81	NR		**0.61**		NR		**1.5**		**0.6**		**0.57**	
Nickel	**30**	310	NR		29.3	L	14.9		NR		16.1		23.4	
Potassium	NS	NS	NR		854	H	1,060		NR		1,460		1,270	
Selenium	3.9	180	NR		0.82	J	1.3		NR		0.67	J	0.6	J
Silver	2	180	NR		0.46	J	0.69		NR		0.4	J	0.22	J
Sodium	NS	NS	NR		139		273		NR		246		306	
Thallium	NS	NS	NR		0.12	J	0.19	J	NR		0.14	J	0.12	J
Vanadium	NS	NS	NR		35.5	L	27		NR		31		17.1	
Zinc	**109**	10,000	NR		**1,140**	**J**	**740**	**J**	NR		**981**	**J**	**522**	**J**

Table 4C
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	EP-49_16_20260608		EP-X_16_20260608		EP-50_18_20260605		EP-53_15_20260504				EP-54_15_20260504	
		Lab Sample ID	460-352783-3		460-352783-6		460-352643-3		460-350261-1				460-350261-2	
		Sample Date	6/8/2026		6/8/2026		6/5/2026		5/4/2026				5/4/2026	
		Dilution Factor	1		1		1		1		5		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	11,700		10,100		11,200		15,500		NR		10,100	
Antimony	NS	NS	1.1	UJ	0.96	U	0.14	J	1.1	U	NR		1	U
Arsenic	13	16	1.8		1.8		2.3		2.3		NR		2.1	
Barium	**350**	400	87.8		67.9		107		61.4		NR		77.1	
Beryllium	7.2	72	0.72		0.61		0.72		0.73		NR		0.54	
Cadmium	2.5	4.3	0.18	J	0.13	J	0.15	J	0.55	U	NR		0.13	J
Calcium	NS	NS	44,100		32,800		13,400		36,000		NR		39,600	
Chromium, Total	NS	NS	27.7		22.1		27.8		24.9		NR		22.3	
Cobalt	NS	NS	13.7		10.3		15.3		72.5		NR		9.8	
Copper	**50**	270	24.2		21.4		22.5		14.7		NR		22.9	
Iron	NS	NS	22,400		19,500		22,400		NR		70,700		17,500	
Lead	**63**	400	20.1	H	21.2		21.3		7.3		NR		20.4	
Magnesium	NS	NS	13,100		10,200		8,680		23,100		NR		14,300	
Manganese	1,600	2,000	577		492		911		445		NR		402	
Mercury	**0.18**	0.81	0.028		0.022		0.028		0.011	J	NR		0.048	
Nickel	**30**	310	22		16.5		23.5		**37**		NR		17.4	
Potassium	NS	NS	2,660		1,950		2,320		2,720		NR		2,950	
Selenium	3.9	180	0.18	J	0.12	J	0.15	J	1.4	U	NR		1.3	U
Silver	2	180	0.44	U	0.38	U	0.41	U	0.44	U	NR		0.41	U
Sodium	NS	NS	428		351		624		533		NR		333	
Thallium	NS	NS	0.35	J	0.25	J	0.41		0.44		NR		0.28	J
Vanadium	NS	NS	35.1		27.6		31.7		23.9		NR		27.9	
Zinc	**109**	10,000	85.4		69.7		83		68.7		NR		62.1	

Table 4C
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Metals

		AKRF Sample ID	EP-57_15_20260504		EP-58_15_20260504		FB-02_20260511		FB-03_20260608		EP-FB_01_20260129	
		Lab Sample ID	460-350261-3		460-350261-4		460-350805-1		460-352783-4		460-344050-6	
		Sample Date	5/4/2026		5/4/2026		5/11/2026		6/8/2026		1/29/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		µg/L		µg/L		µg/L	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aluminum	NS	NS	17,900		8,280		40	U	40	U	40	U
Antimony	NS	NS	1	U	1	U	2	U	2	U	2	U
Arsenic	13	16	0.24	J	0.85	J	2	U	2	U	2	U
Barium	**350**	400	204		80.8		4	U	4	U	4	U
Beryllium	7.2	72	0.34	J	0.52		0.8	U	0.8	U	0.8	U
Cadmium	2.5	4.3	0.52	U	0.52	U	0.92	U	0.92	U	0.92	U
Calcium	NS	NS	2,400		20,100		500	U	500	U	85.4	J
Chromium, Total	NS	NS	26.7		17.8		4	U	4	U	4	U
Cobalt	NS	NS	12.4		11.3		2	U	2	U	2	U
Copper	**50**	270	15.2		19.1		4	U	4	U	4	U
Iron	NS	NS	23,000		17,900		120	U	120	U	120	U
Lead	**63**	400	6.9		6.4		1.2	U	1.2	U	1.2	U
Magnesium	NS	NS	6,310		13,100		200	U	200	U	200	U
Manganese	1,600	2,000	178		367		8	U	8	U	8	U
Mercury	**0.18**	0.81	0.017	U	0.0086	J	0.2	U	0.2	U	0.2	U
Nickel	**30**	310	18.5		14.7		4	U	4	U	4	U
Potassium	NS	NS	10,200		3,380		200	U	200	U	200	U
Selenium	3.9	180	1.3	U	1.3	U	2.5	U	2.5	U	2.5	U
Silver	2	180	0.41	U	0.42	U	2	U	2	U	2	U
Sodium	NS	NS	149		236		500	U	500	U	222	J
Thallium	NS	NS	0.43		0.24	J	0.5	U	0.5	U	0.5	U
Vanadium	NS	NS	39.3		25.7		4	U	4	U	4	U
Zinc	**109**	10,000	79.3		46.2		16	U	16	U	16	U

Table 4D
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-04_14_20260601	EP-05_14_20260601	EP-06_12_20260601	EP-07_16_20260601	EP-08_16_20260603
		Lab Sample ID	460-352213-2	460-352213-3	460-352213-1	460-352213-4	460-352423-1
		Sample Date	6/1/2026	6/1/2026	6/1/2026	6/1/2026	6/3/2026
		Dilution Factor	1	1	1	1	1
		Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	0.074 U	0.074 U	0.071 U	0.075 U	0.077 U
PCB-1221 (Aroclor 1221)	NS	NS	0.074 U	0.074 U	0.071 U	0.075 U	0.077 U
PCB-1232 (Aroclor 1232)	NS	NS	0.074 U	0.074 U	0.071 U	0.075 U	0.077 U
PCB-1242 (Aroclor 1242)	NS	NS	0.074 U	0.074 U	0.071 U	0.075 U	0.077 U
PCB-1248 (Aroclor 1248)	NS	NS	0.074 U	0.074 U	0.071 U	0.075 U	0.077 U
PCB-1254 (Aroclor 1254)	NS	NS	0.074 U	0.074 U	0.071 U	0.075 U	0.077 U
PCB-1260 (Aroclor 1260)	NS	NS	0.074 U	0.074 U	0.071 U	0.075 U	0.077 UJ
PCB-1262 (Aroclor 1262)	NS	NS	0.074 U	0.074 U	0.071 U	0.075 U	0.077 U
PCB-1268 (Aroclor 1268)	NS	NS	0.074 U	0.074 U	0.071 U	0.075 U	0.077 U
Total PCBs	**0.1**	1	0.074 U	0.074 U	0.071 U	0.075 U	0.077 UJ

Table 4D
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-09_18_20260603		EP-10_15_20260504		EP-11_15_20260504		EP-12_15_20260504		EP-13_15_20260504	
		Lab Sample ID	460-352423-2		460-350261-5		460-350261-6		460-350261-7		460-350261-8	
		Sample Date	6/3/2026		5/4/2026		5/4/2026		5/4/2026		5/4/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
PCB-1016 (Aroclor 1016)	NS	NS	0.079	U	0.073	U	0.074	U	0.076	U	0.073	U
PCB-1221 (Aroclor 1221)	NS	NS	0.079	U	0.073	U	0.074	U	0.076	U	0.073	U
PCB-1232 (Aroclor 1232)	NS	NS	0.079	U	0.073	U	0.074	U	0.076	U	0.073	U
PCB-1242 (Aroclor 1242)	NS	NS	0.079	U	0.073	U	0.074	U	0.076	U	0.073	U
PCB-1248 (Aroclor 1248)	NS	NS	0.079	U	0.073	U	0.074	U	0.076	U	0.073	U
PCB-1254 (Aroclor 1254)	NS	NS	0.079	U	0.073	U	0.074	U	0.076	U	0.073	U
PCB-1260 (Aroclor 1260)	NS	NS	0.079	UJ	0.073	U	0.074	U	0.076	U	0.073	U
PCB-1262 (Aroclor 1262)	NS	NS	0.079	U	0.073	U	0.074	U	0.076	U	0.073	U
PCB-1268 (Aroclor 1268)	NS	NS	0.079	U	0.073	U	0.074	U	0.076	U	0.073	U
Total PCBs	**0.1**	1	0.079	UJ	0.073	U	0.074	U	0.076	U	0.073	U

Table 4D
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-X_15_20260504		EP-14_6_20260129		EP-15_6_20260129		EP-16_6_20260129		EP-X_6_20260129	
		Lab Sample ID	460-350261-9		460-344050-1		460-344050-2		460-344050-3		460-344050-4	
		Sample Date	5/4/2026		1/29/2026		1/29/2026		1/29/2026		1/29/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
PCB-1016 (Aroclor 1016)	NS	NS	0.072	U	0.072	U	0.075	U	0.081	U	0.081	U
PCB-1221 (Aroclor 1221)	NS	NS	0.072	U	0.072	U	0.075	U	0.081	U	0.081	U
PCB-1232 (Aroclor 1232)	NS	NS	0.072	U	0.072	U	0.075	U	0.081	U	0.081	U
PCB-1242 (Aroclor 1242)	NS	NS	0.072	U	0.072	U	0.075	U	0.081	U	0.081	U
PCB-1248 (Aroclor 1248)	NS	NS	0.072	U	0.072	U	0.075	U	0.081	U	0.081	U
PCB-1254 (Aroclor 1254)	NS	NS	0.072	U	0.072	U	0.075	U	0.081	U	0.081	U
PCB-1260 (Aroclor 1260)	NS	NS	0.072	U	0.072	UJ	0.075	UJ	0.081	UJ	0.081	UJ
PCB-1262 (Aroclor 1262)	NS	NS	0.072	U	0.072	U	0.075	U	0.081	U	0.081	U
PCB-1268 (Aroclor 1268)	NS	NS	0.072	U	0.072	U	0.075	U	0.081	U	0.081	U
Total PCBs	**0.1**	1	0.072	U	0.072	UJ	0.075	UJ	0.081	UJ	0.081	UJ

Table 4D
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-17_6_20260129		EP-26_2_20260202		EP-27_2_20260202		EP-28_3_20260202		EP-29_3_20260202	
		Lab Sample ID	460-344050-5		460-344162-1		460-344162-2		460-344162-3		460-344162-4	
		Sample Date	1/29/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026	
		Dilution Factor	5		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
PCB-1016 (Aroclor 1016)	NS	NS	0.38	U	0.076	U	0.075	U	0.077	U	0.074	U
PCB-1221 (Aroclor 1221)	NS	NS	0.38	U	0.076	U	0.075	U	0.077	U	0.074	U
PCB-1232 (Aroclor 1232)	NS	NS	0.38	U	0.076	U	0.075	U	0.077	U	0.074	U
PCB-1242 (Aroclor 1242)	NS	NS	0.38	U	0.076	U	0.075	U	0.077	U	0.074	U
PCB-1248 (Aroclor 1248)	NS	NS	0.38	U	0.076	U	0.075	U	0.077	U	0.074	U
PCB-1254 (Aroclor 1254)	NS	NS	0.38	U	0.076	U	0.075	U	0.077	U	0.074	U
PCB-1260 (Aroclor 1260)	NS	NS	0.38	UJ	0.076	UJ	0.075	UJ	0.077	UJ	0.074	UJ
PCB-1262 (Aroclor 1262)	NS	NS	0.38	U	0.076	U	0.075	U	0.077	U	0.074	U
PCB-1268 (Aroclor 1268)	NS	NS	0.38	U	0.076	U	0.075	U	0.077	U	0.074	U
Total PCBs	**0.1**	1	0.38	UJ	0.076	UJ	0.075	UJ	0.077	UJ	0.074	UJ

Table 4D
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-30_4_20260202		EP-31_10_20260608		EP-32_16_20260603		EP-33_13_20260511		EP-34_13_20260511	
		Lab Sample ID	460-344162-5		460-352783-1		460-352423-3		460-350805-3		460-350805-4	
		Sample Date	2/2/2026		6/8/2026		6/3/2026		5/11/2026		5/11/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
PCB-1016 (Aroclor 1016)	NS	NS	0.075	U	0.074	U	0.071	U	0.076	U	0.077	U
PCB-1221 (Aroclor 1221)	NS	NS	0.075	U	0.074	U	0.071	U	0.076	U	0.077	U
PCB-1232 (Aroclor 1232)	NS	NS	0.075	U	0.074	U	0.071	U	0.076	U	0.077	U
PCB-1242 (Aroclor 1242)	NS	NS	0.075	U	0.074	U	0.071	U	0.076	U	0.077	U
PCB-1248 (Aroclor 1248)	NS	NS	0.075	U	0.074	U	0.071	U	0.076	U	0.077	U
PCB-1254 (Aroclor 1254)	NS	NS	0.075	U	0.074	U	0.071	U	0.076	U	0.077	U
PCB-1260 (Aroclor 1260)	NS	NS	0.075	UJ	0.074	U	0.071	UJ	0.076	UJ	0.077	UJ
PCB-1262 (Aroclor 1262)	NS	NS	0.075	U	0.074	U	0.071	U	0.076	U	0.077	U
PCB-1268 (Aroclor 1268)	NS	NS	0.075	U	0.074	U	0.071	U	0.076	U	0.077	U
Total PCBs	**0.1**	1	0.075	UJ	0.074	U	0.071	UJ	0.076	UJ	0.077	UJ

Table 4D
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-35_13_20260511		EP-36_13_20260511		EP-37_13_20260511		EP-38_10_20260608		EP-39_16_20260605	
		Lab Sample ID	460-350805-5		460-350805-6		460-350805-7		460-352783-2		460-352643-1	
		Sample Date	5/11/2026		5/11/2026		5/11/2026		6/8/2026		6/5/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
PCB-1016 (Aroclor 1016)	NS	NS	0.08	U	0.079	U	0.072	U	0.072	U	0.072	U
PCB-1221 (Aroclor 1221)	NS	NS	0.08	U	0.079	U	0.072	U	0.072	U	0.072	U
PCB-1232 (Aroclor 1232)	NS	NS	0.08	U	0.079	U	0.072	U	0.072	U	0.072	U
PCB-1242 (Aroclor 1242)	NS	NS	0.08	U	0.079	U	0.072	U	0.072	U	0.072	U
PCB-1248 (Aroclor 1248)	NS	NS	0.08	U	0.079	U	0.072	U	0.072	U	0.072	U
PCB-1254 (Aroclor 1254)	NS	NS	0.08	U	0.079	U	0.072	U	0.072	U	0.072	U
PCB-1260 (Aroclor 1260)	NS	NS	0.08	UJ	0.079	UJ	0.072	UJ	0.072	U	0.072	U
PCB-1262 (Aroclor 1262)	NS	NS	0.08	U	0.079	U	0.072	U	0.072	U	0.072	U
PCB-1268 (Aroclor 1268)	NS	NS	0.08	U	0.079	U	0.072	U	0.072	U	0.072	U
Total PCBs	**0.1**	1	0.08	UJ	0.079	UJ	0.072	UJ	0.072	U	0.072	U

Table 4D
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-40_16_20260605		EP-41_5_20260826		EP-43_5_20260826		EP-44_4_20260204		EP-45_4_20260204	
		Lab Sample ID	460-352643-2		460-358360-1		460-358360-2		460-344323-1		460-344323-2	
		Sample Date	6/5/2026		8/26/2026		8/26/2026		2/4/2026		2/4/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
PCB-1016 (Aroclor 1016)	NS	NS	0.074	U	0.075	U	0.073	U	0.08	U	0.08	U
PCB-1221 (Aroclor 1221)	NS	NS	0.074	U	0.075	U	0.073	U	0.08	U	0.08	U
PCB-1232 (Aroclor 1232)	NS	NS	0.074	U	0.075	U	0.073	U	0.08	U	0.08	U
PCB-1242 (Aroclor 1242)	NS	NS	0.074	U	0.075	U	0.073	U	0.08	U	0.08	U
PCB-1248 (Aroclor 1248)	NS	NS	0.074	U	0.075	U	0.073	U	0.08	U	0.08	U
PCB-1254 (Aroclor 1254)	NS	NS	0.074	U	0.075	U	0.073	U	0.08	U	0.08	U
PCB-1260 (Aroclor 1260)	NS	NS	0.074	U	0.075	U	0.073	U	0.08	U	0.08	U
PCB-1262 (Aroclor 1262)	NS	NS	0.074	U	0.075	U	0.073	U	0.08	U	0.08	U
PCB-1268 (Aroclor 1268)	NS	NS	0.074	U	0.075	U	0.073	U	0.08	U	0.08	U
Total PCBs	**0.1**	1	0.074	U	0.075	U	0.073	U	0.08	U	0.08	U

Table 4D
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-46_4_20260204		EP-47_4_20260204		EP-49_16_20260608		EP-X_16_20260608		EP-50_18_20260605	
		Lab Sample ID	460-344323-3		460-344323-4		460-352783-3		460-352783-6		460-352643-3	
		Sample Date	2/4/2026		2/4/2026		6/8/2026		6/8/2026		6/5/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
PCB-1016 (Aroclor 1016)	NS	NS	0.078	U	0.08	U	0.073	U	0.07	U	0.075	U
PCB-1221 (Aroclor 1221)	NS	NS	0.078	U	0.08	U	0.073	U	0.07	U	0.075	U
PCB-1232 (Aroclor 1232)	NS	NS	0.078	U	0.08	U	0.073	U	0.07	U	0.075	U
PCB-1242 (Aroclor 1242)	NS	NS	0.24	J	0.08	U	0.073	U	0.07	U	0.075	U
PCB-1248 (Aroclor 1248)	NS	NS	0.078	U	0.08	U	0.073	U	0.07	U	0.075	U
PCB-1254 (Aroclor 1254)	NS	NS	0.078	U	0.08	U	0.073	U	0.07	U	0.075	U
PCB-1260 (Aroclor 1260)	NS	NS	0.078	U	0.08	U	0.073	U	0.07	U	0.075	U
PCB-1262 (Aroclor 1262)	NS	NS	0.078	U	0.08	U	0.073	U	0.07	U	0.075	U
PCB-1268 (Aroclor 1268)	NS	NS	0.078	U	0.08	U	0.073	U	0.07	U	0.075	U
Total PCBs	**0.1**	1	**0.24**	**J**	0.08	U	0.073	U	0.07	U	0.075	U

Table 4D
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	EP-53_15_20260504		EP-54_15_20260504		EP-57_15_20260504		EP-58_15_20260504		FB-02_20260511	
		Lab Sample ID	460-350261-1		460-350261-2		460-350261-3		460-350261-4		460-350805-1	
		Sample Date	5/4/2026		5/4/2026		5/4/2026		5/4/2026		5/11/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		µg/L	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
PCB-1016 (Aroclor 1016)	NS	NS	0.08	U	0.077	U	0.077	U	0.075	U	0.2	UJ
PCB-1221 (Aroclor 1221)	NS	NS	0.08	U	0.077	U	0.077	U	0.075	U	0.2	U
PCB-1232 (Aroclor 1232)	NS	NS	0.08	U	0.077	U	0.077	U	0.075	U	0.2	U
PCB-1242 (Aroclor 1242)	NS	NS	0.08	U	0.077	U	0.077	U	0.075	U	0.2	U
PCB-1248 (Aroclor 1248)	NS	NS	0.08	U	0.077	U	0.077	U	0.075	U	0.2	U
PCB-1254 (Aroclor 1254)	NS	NS	0.08	U	0.077	U	0.077	U	0.075	U	0.2	U
PCB-1260 (Aroclor 1260)	NS	NS	0.08	U	0.077	U	0.077	U	0.075	U	0.2	U
PCB-1262 (Aroclor 1262)	NS	NS	0.08	U	0.077	U	0.077	U	0.075	U	0.2	U
PCB-1268 (Aroclor 1268)	NS	NS	0.08	U	0.077	U	0.077	U	0.075	U	0.2	U
Total PCBs	**0.1**	1	0.08	U	0.077	U	0.077	U	0.075	U	0.2	UJ

Table 4D
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Polychlorinated Biphenyls (PCBs)

		AKRF Sample ID	FB-03_20260608		EP-FB_01_20260129	
		Lab Sample ID	460-352783-4		460-344050-6	
		Sample Date	6/8/2026		1/29/2026	
		Dilution Factor	1		1	
		Unit	µg/L		µg/L	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q
PCB-1016 (Aroclor 1016)	NS	NS	0.2	UJ	0.2	U
PCB-1221 (Aroclor 1221)	NS	NS	0.2	UJ	0.2	U
PCB-1232 (Aroclor 1232)	NS	NS	0.2	UJ	0.2	U
PCB-1242 (Aroclor 1242)	NS	NS	0.2	UJ	0.2	U
PCB-1248 (Aroclor 1248)	NS	NS	0.2	UJ	0.2	U
PCB-1254 (Aroclor 1254)	NS	NS	0.2	UJ	0.2	U
PCB-1260 (Aroclor 1260)	NS	NS	0.2	UJ	0.2	U
PCB-1262 (Aroclor 1262)	NS	NS	0.2	UJ	0.2	U
PCB-1268 (Aroclor 1268)	NS	NS	0.2	UJ	0.2	U
Total PCBs	**0.1**	1	0.2	UJ	0.2	U

Table 4E
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	EP-04_14_20260601		EP-05_14_20260601		EP-06_12_20260601		EP-07_16_20260601		EP-08_16_20260603	
		Lab Sample ID	460-352213-2		460-352213-3		460-352213-1		460-352213-4		460-352423-1	
		Sample Date	6/1/2026		6/1/2026		6/1/2026		6/1/2026		6/3/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	0.005	0.097	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Chlordane (Technical)	NS	NS	0.074	U	0.074	U	0.071	U	0.075	U	0.077	U
Chlordane, cis-	0.094	4.2	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Dieldrin	0.005	0.2	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Endosulfan I	NS	NS	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Endosulfan II	NS	NS	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Endosulfan Sulfate	NS	NS	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Endosulfans ABS	2.4	24	0	U	0	U	0	U	0	U	0	U
Endrin	0.014	11	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Endrin Aldehyde	NS	NS	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Endrin Ketone	NS	NS	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Gamma Bhc (Lindane)	0.1	1.3	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Heptachlor	0.042	2.1	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Heptachlor Epoxide	NS	NS	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
Methoxychlor	NS	NS	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
P,P'-DDD	**0.0033**	13	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
P,P'-DDE	**0.0033**	8.9	0.0022	U	0.0022	U	0.0021	U	0.0022	U	0.0023	U
P,P'-DDT	**0.0033**	7.9	0.0022	U	0.0033		0.0021	U	**0.005**		0.0023	U
Toxaphene	NS	NS	0.074	U	0.074	U	0.071	U	0.075	U	0.077	U

Table 4E
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	EP-09_18_20260603		EP-10_15_20260504		EP-11_15_20260504		EP-12_15_20260504		EP-13_15_20260504	
		Lab Sample ID	460-352423-2		460-350261-5		460-350261-6		460-350261-7		460-350261-8	
		Sample Date	6/3/2026		5/4/2026		5/4/2026		5/4/2026		5/4/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	0.005	0.097	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Chlordane (Technical)	NS	NS	0.079	U	0.073	U	0.074	U	0.076	U	0.073	U
Chlordane, cis-	0.094	4.2	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Dieldrin	0.005	0.2	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Endosulfan I	NS	NS	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Endosulfan II	NS	NS	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Endosulfan Sulfate	NS	NS	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Endosulfans ABS	2.4	24	0	U	0	U	0	U	0	U	0	U
Endrin	0.014	11	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Endrin Aldehyde	NS	NS	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Endrin Ketone	NS	NS	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Gamma Bhc (Lindane)	0.1	1.3	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Heptachlor	0.042	2.1	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Heptachlor Epoxide	NS	NS	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
Methoxychlor	NS	NS	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
P,P'-DDD	**0.0033**	13	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
P,P'-DDE	**0.0033**	8.9	0.0024	U	0.0022	U	0.0022	U	0.0023	U	0.0022	U
P,P'-DDT	**0.0033**	7.9	**0.0038**		0.0022	U	0.0022	U	**0.0034**		0.0022	U
Toxaphene	NS	NS	0.079	U	0.073	U	0.074	U	0.076	U	0.073	U

Table 4E
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	EP-X_15_20260504		EP-14_6_20260129		EP-15_6_20260129		EP-16_6_20260129		EP-X_6_20260129	
		Lab Sample ID	460-350261-9		460-344050-1		460-344050-2		460-344050-3		460-344050-4	
		Sample Date	5/4/2026		1/29/2026		1/29/2026		1/29/2026		1/29/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	0.005	0.097	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022	U	0.0021	U	0.0023	U	0.0024	U	0.0024	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022	U	0.0021	U	0.0023	U	0.0024	U	0.0024	U
Chlordane (Technical)	NS	NS	0.072	U	0.072	U	0.075	U	0.081	U	0.081	U
Chlordane, cis-	0.094	4.2	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022	U	0.0021	U	0.0023	U	0.0024	U	0.0024	U
Dieldrin	0.005	0.2	0.0022	U	0.0021	U	0.0023	U	0.0024	U	0.0024	U
Endosulfan I	NS	NS	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
Endosulfan II	NS	NS	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
Endosulfan Sulfate	NS	NS	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
Endosulfans ABS	2.4	24	0	U	0	U	0	U	0	U	0	U
Endrin	0.014	11	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
Endrin Aldehyde	NS	NS	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
Endrin Ketone	NS	NS	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
Gamma Bhc (Lindane)	0.1	1.3	0.0022	U	0.0021	U	0.0023	U	0.0024	U	0.0024	U
Heptachlor	0.042	2.1	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
Heptachlor Epoxide	NS	NS	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
Methoxychlor	NS	NS	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
P,P'-DDD	**0.0033**	13	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0081	U
P,P'-DDE	**0.0033**	8.9	0.0022	U	0.0072	U	0.0075	U	0.0081	U	0.0032	J
P,P'-DDT	**0.0033**	7.9	0.0022	U	0.0072	U	**0.006**	**J**	**0.0069**	**J**	**0.0079**	**J**
Toxaphene	NS	NS	0.072	U	0.072	U	0.075	U	0.081	U	0.081	U

Table 4E
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	EP-17_6_20260129		EP-26_2_20260202		EP-27_2_20260202		EP-28_3_20260202		EP-29_3_20260202	
		Lab Sample ID	460-344050-5		460-344162-1		460-344162-2		460-344162-3		460-344162-4	
		Sample Date	1/29/2026		2/2/2026		2/2/2026		2/2/2026		2/2/2026	
		Dilution Factor	10		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	0.005	0.097	0.077	U	0.0076	U	0.0075	U	0.0077	U	0.0074	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.023	U	0.0023	U	0.0022	U	0.0023	U	0.0022	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.023	U	0.0023	U	0.0022	U	0.0023	U	0.0022	U
Chlordane (Technical)	NS	NS	0.77	U	0.076	U	0.075	U	0.077	U	0.074	U
Chlordane, cis-	0.094	4.2	0.077	U	0.0076	U	0.0075	U	0.0077	U	0.0074	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.023	U	0.0023	U	0.0022	U	0.0023	U	0.0022	U
Dieldrin	0.005	0.2	0.023	U	0.0023	U	0.0022	U	0.0023	U	0.0022	U
Endosulfan I	NS	NS	0.077	U	0.0076	U	0.0075	U	0.0077	U	0.0074	U
Endosulfan II	NS	NS	0.077	U	0.0076	U	0.0075	U	0.0077	U	0.0074	U
Endosulfan Sulfate	NS	NS	0.077	U	0.0076	U	0.0075	U	0.0077	U	0.0074	U
Endosulfans ABS	2.4	24	0	U	0	U	0	U	0	U	0	U
Endrin	0.014	11	0.077	U	0.0076	U	0.0075	U	0.0077	U	0.0074	U
Endrin Aldehyde	NS	NS	0.077	U	0.0076	U	0.0075	U	0.0077	U	0.0074	U
Endrin Ketone	NS	NS	0.077	U	0.0076	U	0.0075	U	0.0077	U	0.0074	U
Gamma Bhc (Lindane)	0.1	1.3	0.023	U	0.0023	U	0.0022	U	0.0023	U	0.0022	U
Heptachlor	0.042	2.1	0.077	U	0.0076	U	0.0075	U	0.0077	U	0.0074	U
Heptachlor Epoxide	NS	NS	0.077	U	0.0076	U	0.0075	U	0.0077	U	0.0074	U
Methoxychlor	NS	NS	0.077	U	0.0076	U	0.0075	U	0.0077	U	0.0074	U
P,P'-DDD	**0.0033**	13	**0.045**	**J**	0.0076	U	0.0075	U	0.0077	U	0.0074	U
P,P'-DDE	**0.0033**	8.9	**0.044**	**J**	0.0076	U	0.0075	U	**0.0074**	**J**	0.0074	U
P,P'-DDT	**0.0033**	7.9	**1.4**		0.0076	U	0.0075	U	**0.019**		0.0024	J
Toxaphene	NS	NS	0.77	U	0.076	U	0.075	U	0.077	U	0.074	U

Table 4E
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	EP-30_4_20260202		EP-31_10_20260608		EP-32_16_20260603		EP-33_13_20260511		EP-34_13_20260511	
		Lab Sample ID	460-344162-5		460-352783-1		460-352423-3		460-350805-3		460-350805-4	
		Sample Date	2/2/2026		6/8/2026		6/3/2026		5/11/2026		5/11/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	0.005	0.097	0.0075	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Chlordane (Technical)	NS	NS	0.075	U	0.074	U	0.071	U	0.076	U	0.077	U
Chlordane, cis-	0.094	4.2	0.0075	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Dieldrin	0.005	0.2	0.0023	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Endosulfan I	NS	NS	0.0075	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Endosulfan II	NS	NS	0.0075	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Endosulfan Sulfate	NS	NS	0.0075	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Endosulfans ABS	2.4	24	0	U	0	U	0	U	0	U	0	U
Endrin	0.014	11	0.0075	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Endrin Aldehyde	NS	NS	0.0075	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Endrin Ketone	NS	NS	0.0075	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Gamma Bhc (Lindane)	0.1	1.3	0.0023	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Heptachlor	0.042	2.1	0.0075	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Heptachlor Epoxide	NS	NS	0.0075	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
Methoxychlor	NS	NS	0.0075	U	0.0022	U	0.0021	U	0.0023	U	0.0023	U
P,P'-DDD	**0.0033**	13	0.0075	U	**0.0055**		0.0021	U	0.0023	U	**0.0099**	
P,P'-DDE	**0.0033**	8.9	0.0075	U	0.0029		0.0021	U	0.0024	J	**0.013**	
P,P'-DDT	**0.0033**	7.9	0.0075	U	**0.086**	**J**	**0.062**		**0.0094**		**0.0077**	
Toxaphene	NS	NS	0.075	U	0.074	U	0.071	U	0.076	U	0.077	U

Table 4E
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	EP-35_13_20260511		EP-36_13_20260511		EP-37_13_20260511		EP-38_10_20260608		EP-39_16_20260605	
		Lab Sample ID	460-350805-5		460-350805-6		460-350805-7		460-352783-2		460-352643-1	
		Sample Date	5/11/2026		5/11/2026		5/11/2026		6/8/2026		6/5/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	0.005	0.097	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Chlordane (Technical)	NS	NS	0.08	U	0.079	U	0.072	U	0.072	U	0.072	U
Chlordane, cis-	0.094	4.2	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Dieldrin	0.005	0.2	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Endosulfan I	NS	NS	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Endosulfan II	NS	NS	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Endosulfan Sulfate	NS	NS	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Endosulfans ABS	2.4	24	0	U	0	U	0	U	0	U	0	U
Endrin	0.014	11	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Endrin Aldehyde	NS	NS	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Endrin Ketone	NS	NS	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Gamma Bhc (Lindane)	0.1	1.3	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Heptachlor	0.042	2.1	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Heptachlor Epoxide	NS	NS	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
Methoxychlor	NS	NS	0.0024	U	0.0024	U	0.0022	U	0.0022	U	0.0021	U
P,P'-DDD	**0.0033**	13	0.0024	U	0.0024	U	0.0022	U	**0.012**	**H**	**0.0062**	
P,P'-DDE	**0.0033**	8.9	0.0024	U	**0.0056**		0.0022	U	**0.0074**	**J**	**0.016**	
P,P'-DDT	**0.0033**	7.9	0.0024	U	**0.021**		0.0022	U	**0.25**	**J**	**0.07**	
Toxaphene	NS	NS	0.08	U	0.079	U	0.072	U	0.072	U	0.072	U

Table 4E
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	EP-40_16_20260605		EP-41_5_20260826		EP-43_5_20260826		EP-44_4_20260204		EP-45_4_20260204	
		Lab Sample ID	460-352643-2		460-358360-1		460-358360-2		460-344323-1		460-344323-2	
		Sample Date	6/5/2026		8/26/2026		8/26/2026		2/4/2026		2/4/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	0.005	0.097	0.0022	U	0.0022	U	0.0022	U	0.008	UJ	0.008	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0022	U	0.0022	U	0.0022	U	0.0024	UJ	0.0024	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0022	U	0.0022	U	0.0022	U	0.0024	UJ	0.0024	U
Chlordane (Technical)	NS	NS	0.074	U	0.075	U	0.073	U	0.1	J	0.08	U
Chlordane, cis-	0.094	4.2	0.0022	U	0.0066	JK	0.0022	U	**0.034**	**L**	0.008	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0022	U	0.0022	U	0.0022	U	0.0024	UJ	0.0024	U
Dieldrin	0.005	0.2	0.0022	U	0.0022	U	0.0022	U	0.0024	UJ	0.0024	U
Endosulfan I	NS	NS	0.0022	U	0.0022	U	0.0022	U	0.008	UJ	0.008	U
Endosulfan II	NS	NS	0.0022	U	0.0022	U	0.0022	U	0.008	UJ	0.008	U
Endosulfan Sulfate	NS	NS	0.0022	U	0.0022	U	0.0022	U	0.008	UJ	0.008	U
Endosulfans ABS	2.4	24	0	U	0	U	0	U	0	UJ	0	U
Endrin	0.014	11	0.0022	U	0.0022	UJ	0.0022	UJ	0.008	UJ	0.008	U
Endrin Aldehyde	NS	NS	0.0022	U	0.0022	U	0.0022	U	0.008	UJ	0.008	U
Endrin Ketone	NS	NS	0.0022	U	0.0022	U	0.0022	U	0.008	UJ	0.008	U
Gamma Bhc (Lindane)	0.1	1.3	0.0022	U	0.0022	U	0.0022	U	0.0024	UJ	0.0024	U
Heptachlor	0.042	2.1	0.0022	U	0.0022	U	0.0022	U	0.008	UJ	0.008	U
Heptachlor Epoxide	NS	NS	0.0022	U	0.0022	U	0.0022	U	0.0031	J	0.008	U
Methoxychlor	NS	NS	0.0022	U	0.0022	U	0.0022	U	0.008	UJ	0.008	U
P,P'-DDD	**0.0033**	13	0.0022	U	0.0022	U	0.0022	U	**0.0034**	**J**	0.008	U
P,P'-DDE	**0.0033**	8.9	0.0022	U	0.0022	U	0.0022	U	**0.052**	**H**	0.008	U
P,P'-DDT	**0.0033**	7.9	0.0022	U	**0.0088**	**JK**	0.0022	U	**0.15**	**L**	0.008	U
Toxaphene	NS	NS	0.074	U	0.075	U	0.073	U	0.08	U	0.08	U

Table 4E
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	EP-46_4_20260204		EP-47_4_20260204		EP-49_16_20260608		EP-X_16_20260608		EP-50_18_20260605	
		Lab Sample ID	460-344323-3		460-344323-4		460-352783-3		460-352783-6		460-352643-3	
		Sample Date	2/4/2026		2/4/2026		6/8/2026		6/8/2026		6/5/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	0.005	0.097	0.0078	UJ	0.008	U	0.0022	U	0.0021	U	0.0022	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0023	UJ	0.0024	U	0.0022	U	0.0021	U	0.0022	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0023	UJ	0.0024	U	0.0022	U	0.0021	U	0.0022	U
Chlordane (Technical)	NS	NS	0.078	UJ	0.08	U	0.073	U	0.07	U	0.075	U
Chlordane, cis-	0.094	4.2	0.0078	UJ	0.006	J	0.0022	U	0.0021	U	0.0022	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0023	UJ	0.0024	U	0.0022	U	0.0021	U	0.0022	U
Dieldrin	0.005	0.2	0.0023	UJ	0.0024	U	0.0032	H	0.0021	U	0.0022	U
Endosulfan I	NS	NS	0.0078	UJ	0.008	U	0.0022	U	0.0021	U	0.0022	U
Endosulfan II	NS	NS	0.0078	UJ	0.008	U	0.0022	U	0.0021	U	0.0022	U
Endosulfan Sulfate	NS	NS	0.0078	UJ	0.008	U	0.0022	U	0.0021	U	0.0022	U
Endosulfans ABS	2.4	24	0	UJ	0	U	0	U	0	U	0	U
Endrin	0.014	11	0.0078	UJ	0.008	U	0.0022	U	0.0021	U	0.0022	U
Endrin Aldehyde	NS	NS	0.0078	UJ	0.008	U	0.0022	U	0.0021	U	0.0022	U
Endrin Ketone	NS	NS	0.0078	UJ	0.008	U	0.0022	U	0.0021	U	0.0022	U
Gamma Bhc (Lindane)	0.1	1.3	0.0023	UJ	0.0024	U	0.0022	U	0.0021	U	0.0022	U
Heptachlor	0.042	2.1	0.0078	UJ	0.008	U	0.0022	U	0.0021	U	0.0022	U
Heptachlor Epoxide	NS	NS	0.0078	UJ	0.008	U	0.0022	U	0.0021	U	0.0022	U
Methoxychlor	NS	NS	0.0078	UJ	0.008	U	0.0022	U	0.0021	U	0.0022	U
P,P'-DDD	**0.0033**	13	0.0078	UJ	0.008	U	**0.0035**	**H**	0.0021	U	0.0022	U
P,P'-DDE	**0.0033**	8.9	0.0078	UJ	0.008	U	**0.0043**	**J**	0.0021	U	0.0022	U
P,P'-DDT	**0.0033**	7.9	**0.012**	**J**	**0.035**		**0.038**	**J**	**0.0086**	**J**	**0.012**	
Toxaphene	NS	NS	0.078	UJ	0.08	U	0.073	U	0.07	U	0.075	U

Table 4E
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	EP-53_15_20260504		EP-54_15_20260504		EP-57_15_20260504		EP-58_15_20260504		FB-02_20260511	
		Lab Sample ID	460-350261-1		460-350261-2		460-350261-3		460-350261-4		460-350805-1	
		Sample Date	5/4/2026		5/4/2026		5/4/2026		5/4/2026		5/11/2026	
		Dilution Factor	1		1		1		1		1	
		Unit	mg/kg		mg/kg		mg/kg		mg/kg		µg/L	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q	CONC	Q	CONC	Q	CONC	Q
Aldrin	0.005	0.097	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Chlordane (Technical)	NS	NS	0.08	U	0.077	U	0.077	U	0.075	U	0.2	U
Chlordane, cis-	0.094	4.2	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Dieldrin	0.005	0.2	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Endosulfan I	NS	NS	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Endosulfan II	NS	NS	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Endosulfan Sulfate	NS	NS	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Endosulfans ABS	2.4	24	0	U	0	U	0	U	0	U	0	U
Endrin	0.014	11	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Endrin Aldehyde	NS	NS	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Endrin Ketone	NS	NS	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Gamma Bhc (Lindane)	0.1	1.3	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Heptachlor	0.042	2.1	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Heptachlor Epoxide	NS	NS	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
Methoxychlor	NS	NS	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
P,P'-DDD	**0.0033**	13	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
P,P'-DDE	**0.0033**	8.9	0.0024	U	0.0023	U	0.0023	U	0.0022	U	0.02	U
P,P'-DDT	**0.0033**	7.9	0.0024	U	**0.006**		0.0023	U	0.0022	U	0.02	U
Toxaphene	NS	NS	0.08	U	0.077	U	0.077	U	0.075	U	0.5	U

Table 4E
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Pesticides

		AKRF Sample ID	FB-03_20260608		EP-FB_01_20260129	
		Lab Sample ID	460-352783-4		460-344050-6	
		Sample Date	6/8/2026		1/29/2026	
		Dilution Factor	1		1	
		Unit	µg/L		µg/L	
Compound	**UUSCO**	**RRSCO**	CONC	Q	CONC	Q
Aldrin	0.005	0.097	0.02	UJ	0.02	U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.48	0.02	UJ	0.02	U
Beta Bhc (Beta Hexachlorocyclohexane)	0.036	0.36	0.02	UJ	0.02	U
Chlordane (Technical)	NS	NS	0.05	UJ	0.2	U
Chlordane, cis-	0.094	4.2	0.02	UJ	0.02	U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.02	UJ	0.02	U
Dieldrin	0.005	0.2	0.02	UJ	0.02	U
Endosulfan I	NS	NS	0.02	UJ	0.02	U
Endosulfan II	NS	NS	0.02	UJ	0.02	U
Endosulfan Sulfate	NS	NS	0.02	UJ	0.02	U
Endosulfans ABS	2.4	24	0	UJ	0	U
Endrin	0.014	11	0.02	UJ	0.02	U
Endrin Aldehyde	NS	NS	0.02	UJ	0.02	U
Endrin Ketone	NS	NS	0.02	UJ	0.02	U
Gamma Bhc (Lindane)	0.1	1.3	0.02	UJ	0.02	U
Heptachlor	0.042	2.1	0.02	UJ	0.02	U
Heptachlor Epoxide	NS	NS	0.02	UJ	0.02	U
Methoxychlor	NS	NS	0.02	UJ	0.02	U
P,P'-DDD	**0.0033**	13	0.02	UJ	0.02	U
P,P'-DDE	**0.0033**	8.9	0.02	UJ	0.02	U
P,P'-DDT	**0.0033**	7.9	0.02	UJ	0.02	U
Toxaphene	NS	NS	0.5	UJ	0.5	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-04_14_20260601		EP-05_14_20260601		EP-06_12_20260601		EP-07_16_20260601	
		Lab Sample ID	460-352215-2		460-352215-3		460-352215-1		460-352215-4	
		Sample Date	6/1/2026		6/1/2026		6/1/2026		6/1/2026	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	1.09	U	1.1	U	1.06	U	1.11	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	1.09	U	1.1	U	1.06	U	1.11	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	1.09	U	1.1	U	1.06	U	1.11	U
3-Perfluoroheptyl propanoic acid	NS	NS	1.09	U	1.1	U	1.06	U	1.11	U
3-Perfluoropropyl propanoic acid	NS	NS	0.44	U	0.44	U	0.43	U	0.44	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
6:2 Fluorotelomer sulfonate	NS	NS	0.44	U	0.44	U	0.12	J	0.44	U
8:2 Fluorotelomer sulfonate	NS	NS	0.44	U	0.44	U	0.43	U	0.44	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorobutanoic acid	NS	NS	0.44	U	0.44	U	0.43	U	0.44	U
Perfluorodecanesulfonic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorodecanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorododecanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluoroheptanesulfonic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluoroheptanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorohexanesulfonic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorohexanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorononanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorooctanesulfonamide	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	0.34	EMPC	0.2	J	0.11	J	0.2	J
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.22	U	0.22	U	0.21	U	0.22	U
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluoropentanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorotetradecanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluorotridecanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Perfluoroundecanoic acid	NS	NS	0.22	U	0.22	U	0.21	U	0.22	U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	0.44	U	0.44	U	0.43	U	0.44	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-08_16_20260603		EP-09_18_20260603		EP-10_15_20260504		EP-11_15_20260504	
		Lab Sample ID	460-352418-1		460-352418-2		460-350245-5		460-350245-6	
		Sample Date	6/3/2026		6/3/2026		5/4/2026		5/4/2026	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	1.19	U	1.23	U	0.98	U	0.98	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	1.19	U	1.23	U	0.98	U	0.98	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	1.19	U	1.23	U	0.98	U	0.98	U
3-Perfluoroheptyl propanoic acid	NS	NS	1.19	U	1.23	U	0.98	U	0.98	U
3-Perfluoropropyl propanoic acid	NS	NS	0.47	U	0.49	U	0.39	U	0.39	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
6:2 Fluorotelomer sulfonate	NS	NS	0.47	U	0.49	U	0.39	U	0.39	U
8:2 Fluorotelomer sulfonate	NS	NS	0.47	U	0.49	U	0.39	U	0.39	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.47	U	0.49	U	0.39	U	0.39	U
Perfluorodecanesulfonic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorohexanesulfonic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorohexanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorooctanesulfonamide	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	0.29		0.37		0.2	U	0.2	U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.24	U	0.25	U	0.2	U	0.068	J
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluoropentanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Perfluoroundecanoic acid	NS	NS	0.24	U	0.25	U	0.2	U	0.2	U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	0.47	U	0.49	U	0.39	U	0.39	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-12_15_20260504		EP-13_15_20260504		EP-X_15_20260504		EP-14_6_20260129	
		Lab Sample ID	460-350245-7		460-350245-8		460-350245-9		460-344049-1	
		Sample Date	5/4/2026		5/4/2026		5/4/2026		1/29/2026	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	0.98	U	0.98	U	0.99	U	0.97	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	0.98	U	0.98	U	0.99	U	0.97	UJ
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	0.98	U	0.98	U	0.99	U	0.97	U
3-Perfluoroheptyl propanoic acid	NS	NS	0.98	U	0.98	U	0.99	U	0.97	U
3-Perfluoropropyl propanoic acid	NS	NS	0.39	U	0.39	U	0.4	U	0.39	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
6:2 Fluorotelomer sulfonate	NS	NS	0.39	U	0.39	U	0.4	U	0.39	U
8:2 Fluorotelomer sulfonate	NS	NS	0.39	U	0.39	U	0.4	U	0.39	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	UJ
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	UJ
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorobutanoic acid	NS	NS	0.39	U	0.39	U	0.4	U	0.39	U
Perfluorodecanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorodecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorododecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluoroheptanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.12	J
Perfluorohexanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorohexanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorononanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	0.2	U	0.2	U	0.2	U	0.69	J
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.2	U	0.2	U	0.2	U	**0.83**	
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluoropentanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorotetradecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluorotridecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Perfluoroundecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.19	U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	0.39	U	0.39	U	0.4	U	0.39	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-15_6_20260129		EP-16_6_20260129		EP-X_6_20260129		EP-17_6_20260129	
		Lab Sample ID	460-344049-2		460-344049-3		460-344049-4		460-344049-5	
		Sample Date	1/29/2026		1/29/2026		1/29/2026		1/29/2026	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	1.97	U	0.54	J	0.49	J	1.93	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	1.97	UJ	0.96	UJ	0.98	UJ	1.93	UJ
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	1.97	U	0.96	U	0.98	U	1.93	U
3-Perfluoroheptyl propanoic acid	NS	NS	1.97	U	0.96	U	0.98	U	1.93	U
3-Perfluoropropyl propanoic acid	NS	NS	0.79	U	0.38	U	0.39	U	0.77	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
6:2 Fluorotelomer sulfonate	NS	NS	0.79	U	0.38	U	0.39	U	0.77	U
8:2 Fluorotelomer sulfonate	NS	NS	0.79	U	0.38	U	0.39	U	0.77	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.72		0.11	J	0.22		0.39	U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.39	UJ	0.19	UJ	0.2	UJ	0.39	UJ
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.39	UJ	0.19	UJ	0.2	UJ	0.39	UJ
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluorobutanoic acid	NS	NS	0.79	U	0.38	U	0.39	U	0.77	U
Perfluorodecanesulfonic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluorodecanoic acid	NS	NS	0.39	U	0.076	J	0.071	J	0.14	J
Perfluorododecane sulfonate (PFDoDS)	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluorododecanoic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluoroheptanesulfonic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluoroheptanoic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluorohexanesulfonic acid	NS	NS	0.39	U	0.1	J	0.1	J	0.23	J
Perfluorohexanoic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluorononanoic acid	NS	NS	0.39	U	0.12	J	0.11	J	0.39	U
Perfluorooctanesulfonamide	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	**1.56**		**2.34**		**1.88**		**1.94**	
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.38	J	0.41		0.52		**0.75**	
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluoropentanoic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluorotetradecanoic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluorotridecanoic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Perfluoroundecanoic acid	NS	NS	0.39	U	0.19	U	0.2	U	0.39	U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	0.79	U	0.38	U	0.39	U	0.77	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-26_2_20260202		EP-27_2_20260202		EP-28_3_20260202		EP-29_3_20260202	
		Lab Sample ID	460-344172-1		460-344172-2		460-344172-3		460-344172-4	
		Sample Date	2/2/2026		2/2/2026		2/2/2026		2/2/2026	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	1	UJ	0.99	U	0.99	UJ	0.98	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	1	UJ	0.99	U	0.99	UJ	0.98	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	1	U	0.99	U	0.99	U	0.98	U
3-Perfluoroheptyl propanoic acid	NS	NS	1	U	0.99	U	0.99	U	0.98	U
3-Perfluoropropyl propanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.39	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
6:2 Fluorotelomer sulfonate	NS	NS	0.4	U	0.4	U	0.4	U	0.39	U
8:2 Fluorotelomer sulfonate	NS	NS	0.4	U	0.4	U	0.4	U	0.39	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	UJ
N-methyl perfluoro-1-octanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U	1.03		0.2	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.39	U
Perfluorodecanesulfonic acid	NS	NS	0.2	U	0.11	J	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.095	J	0.15	J	0.082	J	0.2	U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.2	U	0.13	J	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorohexanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorohexanoic acid	NS	NS	0.2	U	0.14	J	0.2	U	0.2	U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.11	J	0.27	U	0.2	U	0.2	U
Perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.3		0.2	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	**1.21**		**1.92**		**2.8**		0.41	EMPC
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.31		0.37		**0.69**		**0.69**	
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoropentanoic acid	NS	NS	0.1	J	0.18	J	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroundecanoic acid	NS	NS	0.2	U	0.12	J	0.2	U	0.2	UJ
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	0.4	U	0.4	U	0.4	U	0.39	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-30_4_20260202		EP-31_10_20260608		EP-32_16_20260603		EP-33_13_20260511	
		Lab Sample ID	460-344172-5		460-352780-1		460-352418-3		460-350773-2	
		Sample Date	2/2/2026		6/8/2026		6/3/2026		5/11/2026	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	0.97	U	1.11	U	1.11	U	0.97	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	0.97	U	1.11	U	1.11	U	0.97	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	0.97	U	1.11	U	1.11	U	0.97	U
3-Perfluoroheptyl propanoic acid	NS	NS	0.97	U	1.11	U	1.11	U	0.97	U
3-Perfluoropropyl propanoic acid	NS	NS	0.39	U	0.44	U	0.44	U	0.39	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
6:2 Fluorotelomer sulfonate	NS	NS	0.39	U	0.44	U	0.44	U	0.39	U
8:2 Fluorotelomer sulfonate	NS	NS	0.39	U	0.44	U	0.44	U	0.39	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorobutanoic acid	NS	NS	0.39	U	0.44	U	0.44	U	0.39	U
Perfluorodecanesulfonic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorodecanoic acid	NS	NS	0.091	J	0.22	U	0.22	U	0.19	U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorododecanoic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluoroheptanesulfonic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluoroheptanoic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorohexanesulfonic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorohexanoic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorononanoic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorooctanesulfonamide	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	0.49		0.24		0.36		0.47	
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.18	J	0.22	U	0.22	U	0.08	J
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluoropentanoic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorotetradecanoic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluorotridecanoic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Perfluoroundecanoic acid	NS	NS	0.19	U	0.22	U	0.22	U	0.19	U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	0.39	U	0.44	U	0.44	U	0.39	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-34_13_20260511		EP-35_13_20260511		EP-36_13_20260511		EP-37_13_20260511	
		Lab Sample ID	460-350773-3		460-350773-4		460-350773-5		460-350773-6	
		Sample Date	5/11/2026		5/11/2026		5/11/2026		5/11/2026	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	0.99	U	1	U	0.99	U	0.98	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	0.99	U	1	U	0.99	U	0.98	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	0.99	U	1	U	0.99	U	0.98	U
3-Perfluoroheptyl propanoic acid	NS	NS	0.99	U	1	U	0.99	U	0.98	U
3-Perfluoropropyl propanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.39	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
6:2 Fluorotelomer sulfonate	NS	NS	0.4	U	0.4	U	0.4	U	0.39	U
8:2 Fluorotelomer sulfonate	NS	NS	0.4	U	0.4	U	0.4	U	0.39	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.4	U	0.4	U	0.4	U	0.39	U
Perfluorodecanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.2	U	0.14	J	0.2	U	0.2	U
Perfluorohexanesulfonic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorohexanoic acid	NS	NS	0.2	U	0.15	J	0.2	U	0.2	U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.2	U	0.12	J	0.2	U	0.2	U
Perfluorooctanesulfonamide	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	0.79		**2.31**		0.16	J	0.17	J
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.12	J	**1**		0.074	J	0.2	U
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoropentanoic acid	NS	NS	0.2	U	0.18	J	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Perfluoroundecanoic acid	NS	NS	0.2	U	0.2	U	0.2	U	0.2	U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	0.4	U	0.4	U	0.4	U	0.39	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-38_10_20260608		EP-39_16_20260605		EP-40_16_20260605		EP-41_5_20260826	
		Lab Sample ID	460-352780-2		460-352642-1		460-352642-2		460-358361-1	
		Sample Date	6/8/2026		6/5/2026		6/5/2026		8/26/2026	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	1.09	U	1.19	U	1.27	U	0.99	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	1.09	U	1.19	U	1.27	U	0.99	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	1.09	U	1.19	U	1.27	U	0.99	U
3-Perfluoroheptyl propanoic acid	NS	NS	1.09	U	1.19	U	1.27	U	0.99	U
3-Perfluoropropyl propanoic acid	NS	NS	0.43	U	0.48	U	0.51	U	0.39	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
6:2 Fluorotelomer sulfonate	NS	NS	0.43	U	0.48	U	0.51	U	0.39	U
8:2 Fluorotelomer sulfonate	NS	NS	0.43	U	0.48	U	0.51	U	0.39	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.099	J
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.43	U	0.48	U	0.51	U	0.39	U
Perfluorodecanesulfonic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.11	J
Perfluorododecane sulfonate (PFDoDS)	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorohexanesulfonic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorohexanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorononanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorooctanesulfonamide	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	0.3		0.21	J	0.1	J	**2.28**	
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.22	U	0.24	U	0.25	U	0.22	
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluoropentanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Perfluoroundecanoic acid	NS	NS	0.22	U	0.24	U	0.25	U	0.2	U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	0.43	U	0.48	U	0.51	U	0.39	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-43_5_20260826		EP-44_4_20260204		EP-45_4_20260204		EP-46_4_20260204	
		Lab Sample ID	460-358361-2		460-344322-1		460-344322-2		460-344322-3	
		Sample Date	8/26/2026		2/4/2026		2/4/2026		2/4/2026	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	0.97	U	0.99	U	1	U	0.99	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	0.97	U	1.26		1	U	0.99	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	0.97	U	0.99	U	1	U	0.99	U
3-Perfluoroheptyl propanoic acid	NS	NS	0.97	U	0.99	U	1	U	0.99	U
3-Perfluoropropyl propanoic acid	NS	NS	0.39	U	0.4	U	0.4	U	0.4	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
6:2 Fluorotelomer sulfonate	NS	NS	0.39	U	0.4	U	0.4	U	0.4	U
8:2 Fluorotelomer sulfonate	NS	NS	0.39	U	0.4	U	0.4	U	0.4	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.19	U	0.4		0.2	U	0.2	U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.19	U	0.28	EMPC	0.2	U	0.2	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.39	U	0.4	U	0.4	U	0.4	U
Perfluorodecanesulfonic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.19	U	0.32		0.2	U	0.2	U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.19	U	0.11	J	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorohexanesulfonic acid	NS	NS	0.19	U	0.27		0.2	U	0.2	U
Perfluorohexanoic acid	NS	NS	0.19	U	0.16	J	0.2	U	0.12	J
Perfluorononanesulfonic Acid (Pfns)	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.19	U	0.25		0.2	U	0.15	J
Perfluorooctanesulfonamide	NS	NS	0.19	U	0.2		0.2	U	0.2	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	0.19		**12.5**		**2.23**		**3.92**	
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.094	J	0.54		0.21		**0.86**	
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoropentanoic acid	NS	NS	0.19	U	0.13	J	0.16	J	0.17	J
Perfluorotetradecanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoroundecanoic acid	NS	NS	0.19	U	0.2		0.2	U	0.2	U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	0.39	U	0.4	U	0.4	U	0.4	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-47_4_20260204		EP-49_16_20260608		EP-X_16_20260608		EP-50_18_20260605	
		Lab Sample ID	460-344322-4		460-352780-3		460-352780-4		460-352642-3	
		Sample Date	2/4/2026		6/8/2026		6/8/2026		6/5/2026	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	0.99	U	1.12	U	1.09	U	1.15	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	2.4		1.12	U	1.09	U	1.15	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	0.99	U	1.12	U	1.09	U	1.15	U
3-Perfluoroheptyl propanoic acid	NS	NS	0.99	U	1.12	U	1.09	U	1.15	U
3-Perfluoropropyl propanoic acid	NS	NS	0.39	U	0.45	U	0.44	U	0.46	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
6:2 Fluorotelomer sulfonate	NS	NS	0.39	U	0.45	U	0.44	U	0.46	U
8:2 Fluorotelomer sulfonate	NS	NS	0.39	U	0.45	U	0.44	U	0.46	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.39		0.22	U	0.22	U	0.23	U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.54		0.22	U	0.22	U	0.23	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluorobutanoic acid	NS	NS	0.15	J	0.45	U	0.44	U	0.46	U
Perfluorodecanesulfonic acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluorodecanoic acid	NS	NS	0.11	J	0.22	U	0.22	U	0.23	U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluorododecanoic acid	NS	NS	0.11	J	0.22	U	0.22	U	0.23	U
Perfluoroheptanesulfonic acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluoroheptanoic acid	NS	NS	0.12	J	0.22	U	0.22	U	0.23	U
Perfluorohexanesulfonic acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluorohexanoic acid	NS	NS	0.43		0.22	U	0.22	U	0.23	U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluorononanoic acid	NS	NS	0.12	J	0.22	U	0.22	U	0.23	U
Perfluorooctanesulfonamide	NS	NS	0.12	J	0.22	U	0.22	U	0.23	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	**2.15**		0.25		0.27		**1.19**	
Perfluorooctanoic acid (PFOA)	**0.66**	33	**0.71**		0.22	U	0.22	U	0.23	U
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluoropentanoic acid	NS	NS	0.4		0.22	U	0.22	U	0.23	U
Perfluorotetradecanoic acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluorotridecanoic acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Perfluoroundecanoic acid	NS	NS	0.2	U	0.22	U	0.22	U	0.23	U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	0.39	U	0.45	U	0.44	U	0.46	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	EP-53_15_20260504		EP-54_15_20260504		EP-57_15_20260504		EP-58_15_20260504	
		Lab Sample ID	460-350245-1		460-350245-2		460-350245-3		460-350245-4	
		Sample Date	5/4/2026		5/4/2026		5/4/2026		5/4/2026	
		Dilution Factor	1		1		1		1	
		Unit	ppb		ppb		ppb		ppb	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	0.97	U	0.98	U	0.99	U	0.99	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	0.97	U	0.98	U	0.99	U	0.99	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	0.97	U	0.98	U	0.99	U	0.99	U
3-Perfluoroheptyl propanoic acid	NS	NS	0.97	U	0.98	U	0.99	U	0.99	U
3-Perfluoropropyl propanoic acid	NS	NS	0.39	U	0.39	U	0.4	U	0.39	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
6:2 Fluorotelomer sulfonate	NS	NS	0.39	U	0.39	U	0.4	U	0.39	U
8:2 Fluorotelomer sulfonate	NS	NS	0.39	U	0.39	U	0.4	U	0.39	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoro-3-methoxypropanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoro-4-methoxybutanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorobutanoic acid	NS	NS	0.39	U	0.39	U	0.4	U	0.39	U
Perfluorodecanesulfonic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorodecanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorododecanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanesulfonic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoroheptanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorohexanesulfonic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorohexanoic acid	NS	NS	0.12	J	0.2	U	0.2	U	0.2	U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorononanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorooctanesulfonamide	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	0.19	U	0.17	J	0.2	U	0.2	U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.098	J	0.086	J	0.2	U	0.2	U
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoropentanoic acid	NS	NS	0.12	J	0.2	U	0.2	U	0.2	U
Perfluorotetradecanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluorotridecanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Perfluoroundecanoic acid	NS	NS	0.19	U	0.2	U	0.2	U	0.2	U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	0.39	U	0.39	U	0.4	U	0.39	U

Table 4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Per- and Polyfluoroalkyl Substances (PFAS)

		AKRF Sample ID	FB-02_20260511		FB-03_20260608		EP-FB-01_20260202	
		Lab Sample ID	460-350773-1		460-352780-5		460-344172-6	
		Sample Date	5/11/2026		6/8/2026		2/2/2026	
		Dilution Factor	1		1		1	
		Unit	ppt		ppt		ppt	
Compound	**UUGV**	**RRGV**	CONC	Q	CONC	Q	CONC	Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	1.39	U	1.68	U	1.62	U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	6.96	U	8.38	U	8.11	U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	6.96	U	8.38	U	8.11	U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	6.96	U	8.38	U	8.11	U
3-Perfluoroheptyl propanoic acid	NS	NS	6.96	U	8.38	U	8.11	U
3-Perfluoropropyl propanoic acid	NS	NS	2.78	U	3.35	U	3.24	U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	1.39	U	1.68	U	1.62	U
6:2 Fluorotelomer sulfonate	NS	NS	2.78	U	3.35	U	3.24	U
8:2 Fluorotelomer sulfonate	NS	NS	2.78	U	3.35	U	3.24	U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	1.39	U	1.68	U	1.62	U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	1.39	U	1.68	U	1.62	U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	1.39	U	1.68	U	1.62	U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	1.39	U	1.68	U	1.62	U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	1.39	U	1.68	U	1.62	U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	1.39	U	1.26	U	1.62	U
Perfluoro-3-methoxypropanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluoro-4-methoxybutanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorobutanoic acid	NS	NS	2.78	U	3.35	U	3.24	U
Perfluorodecanesulfonic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorodecanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorododecanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluoroheptanesulfonic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluoroheptanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorohexanesulfonic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorohexanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorononanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorooctanesulfonamide	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1.39	U	1.68	U	1.62	U
Perfluorooctanoic acid (PFOA)	**0.66**	33	1.39	U	1.68	U	1.62	U
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	1.39	U	1.68	U	1.62	U
Perfluoropentanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorotetradecanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluorotridecanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Perfluoroundecanoic acid	NS	NS	1.39	U	1.68	U	1.62	U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	2.78	U	3.35	U	3.24	U

Tables 4A-4F
521 East Tremont Avenue
Bronx, NY
Post-Excavation Endpoint Sample Analytical Results
Notes

DEFINITIONS

B : The analyte was found in an associated blank, as well as in the sample.

C : Indicates pesticide results have been confirmed by gc/ms. Also c with a number indicates a coeluting congener peak.

E : Identifies compounds whose concentration exceed the calibration range of the instrument for that specific analysis.

H : Sample result is estimated and biased high.

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.

M : Indicates that the duplicate injection precision was not met.

N/A : Not applicable.

NR : Not reported.

NS : No standard.

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

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

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

U : Indicates that the compound was analyzed for, but not detected at or above the reporting limit.

mg/kg : milligrams per kilogram

ppb : parts per billion

ppt : parts per trillion

µg/L : micrograms per liter

STANDARDS

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

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

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

NYSDEC Part 375 PFAS Guidance Values : New York State Department of Environmental Conservation (NYSDEC) Sampling, Analysis and Assessment Of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs Issued April 2023.

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

STANDARDS

EP-X_15_20260504 is a blind duplicate of sample EP-13_15_20260504.
EP-X_16_20260608 is a blind duplicate of sample EP-49_16_20260608.
EP-X_6_20260129 is a blind duplicate of sample EP-16_6_20260129.

Table 5
521 East Tremont Avenue
Bronx, NY
Backfill Quantities and Sources

Date	Material	On-Site Location Placement	Net Weight (cy)
1/14/2026	NY Recycling 3/4-inch Stone	Truck pad	36
2/3/2026	NY Recycling 3/4-inch Stone	Truck pad	18
2/16/2026	NY Recycling 3/4-inch Stone	Truck pad	18
2/26/2026	NY Recycling 3/4-inch Stone	Truck pad	18
3/23/2026	NY Recycling 3/4-inch Stone	Truck pad	15
3/26/2026	NY Recycling 3/4-inch Stone	Truck pad	18
4/2/2026	NY Recycling 3/4-inch Stone	Truck pad	18
4/3/2026	NY Recycling 3/4-inch Stone	Truck pad	18
4/8/2026	NY Recycling 3/4-inch Stone	Truck pad	30
4/8/2026	NY Recycling 3/4-inch Stone	Truck pad	30
4/8/2026	NY Recycling 3/4-inch Stone	Truck pad	30
4/14/2026	NY Recycling - Item 4	Behind northwestern retaining wall	30
4/22/2026	NY Recycling 3/4-inch Stone	Truck pad	30
4/27/2026	NY Recycling 3/4-inch Stone	Truck pad	30
5/4/2026	NY Recycling 3/4-inch Stone	Southern elevator pit	36
5/7/2026	NY Recycling 3/4-inch Stone	Backfill around footings in southern portion of Site	20
5/26/2026	NY Recycling 3/4-inch Stone	Backfill around footings in southern portion of Site	60
6/1/2026	NY Recycling 3/4-inch Stone	Backfill around footings in southern portion of Site	36
6/5/2026	NY Recycling 3/4-inch Stone	Backfill around footings in eastern portion of Site	36
6/8/2026	NY Recycling 3/4-inch Stone	Backfill around footings in eastern portion of Site	36
6/10/2026	NY Recycling 3/4-inch Stone	Backfill around footings in eastern portion of Site	36
6/15/2026	NY Recycling 3/4-inch Stone	Backfill around footings in southern portion of Site	54
6/23/2026	NY Recycling 3/4-inch Stone	Backfill Below Detention Tank	18
6/30/2026	NY Recycling 3/4-inch Stone	Behind subgrade cellar wall on East Tremont	18
6/30/2026	NY Recycling - Item 4	Behind subgrade cellar wall on East Tremont	36
7/1/2026	NY Recycling - Item 4	Behind subgrade cellar wall on East Tremont	72
7/6/2026	NY Recycling - Item 4	Behind subgrade cellar wall on East Tremont	72
7/13/2026	NY Recycling - Item 4	Behind subgrade cellar wall on East Tremont	90
7/14/2026	NY Recycling - Item 4	Behind subgrade cellar wall on Third Avenue and East Tremont Avenue	54
7/15/2026	NY Recycling - Item 4	Behind subgrade cellar wall along Third Avenue and East Tremont Avenue	216
7/16/2026	NY Recycling - Item 4	Backfill/raise grade of exterior portion of Site	108
7/17/2026	NY Recycling - Item 4	Backfill/raise grade of exterior portion of Site	216
7/17/2026	Tilcon ASTM #5 Stone	SSDS gas permeable aggregate	66.57
7/18/2026	NY Recycling - Item 4	Backfill/raise grade of exterior portion of Site	144
7/20/2026	NY Recycling - Item 4	Backfill/raise grade of exterior portion of Site	324
7/21/2026	NY Recycling - Item 4	Backfill/raise grade of exterior portion of Site	90
7/27/2026	NY Recycling - Item 4	Backfill/raise grade of exterior portion of Site	90
7/28/2026	NY Recycling - Item 4	Backfill/raise grade of exterior portion of Site	72
7/28/2026	Tilcon ASTM #5 Stone	SSDS gas permeable aggregate	65.49
7/31/2026	NY Recycling - Item 4	Backfill/raise grade of exterior portion of Site	90
8/24/2026	NY Recycling - Item 4	Backfill/raise grade of exterior portion of Site	36
8/26/2026	NY Recycling - Item 4	Backfill/raise grade of exterior portion of Site	72
TOTALS			
		New York Recycling LLC - Item 4 Gravel	1,812
		New York Recycling LLC - 3/4-inch Stone	659
		Tilcon ASTM #5 - SSDS GPA	132.06
		Total	**2,603.06**

Table 6
521 East Tremont Avenue
Bronx, NY
Groundwater Elevation Data - August 2026

Well ID	Top of Casing Elevation (ft.)	Depth to Groundwater (ft. below TOC)	Groundwater Elevation (ft.)
PMW-01S	68.59	13.3	55.29
PMW-01I	68.53	13.9	54.63
PMW-01D	68.49	13.5	54.99
PMW-02	69.66	12.08	57.58
PMW-03	68.49	12.25	56.24
PMW-04S	54.59	0.5	54.09
PMW-04I	54.55	0.6	53.95
PMW-04D	54.57	0.6	53.97

Notes:
ft. = feet
TOC = top of casing
Elevation = feet above mean sea level based on the North American Vertical Datum of 1988 (NAVD88).

Table 7A
521 East Tremont Avenue
Bronx, NY
Post-Remedial Groundwater Sample Analytical Results
Volatile Organic Compounds (VOCs)

	AKRF Sample ID	PMW-01S_20260821		PMW-01I_20260821		PMW-01D_20260821		PMW-02_20260820	
	Lab Sample ID	460-358144-1		460-358144-2		460-358144-3		460-358031-1	
	Sample Date	8/21/2026		8/21/2026		8/21/2026		8/20/2026	
	Dilution Factor	1		1		1		1	
	Unit	µg/L		µg/L		µg/L		µg/L	
Compound	**AWQSGVs**	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	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ
1,1,2-Trichloroethane	1	0.58	U	0.58	U	0.58	U	0.58	U
1,1-Dichloroethane	5	1	U	1	U	1	U	1	U
1,1-Dichloroethene	5	1	U	1	U	1	U	0.33	J
1,2-Dichloroethane	0.6	0.3	U	0.3	U	0.3	U	0.3	U
1,2-Dichloropropane	1	0.92	U	0.92	U	0.92	U	0.92	U
Bromodichloromethane	50	0.98	U	0.98	U	0.98	U	0.98	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	1.8		3.1		1.7		1.1	
Chloromethane	5	1	U	1	U	1	U	1	U
Cis-1,2-Dichloroethylene	**5**	**18**		0.48	J	1	U	**300**	
Cis-1,3-Dichloropropene	NS	0.45	U	0.45	U	0.45	U	0.45	U
Dibromochloromethane	50	0.78	U	0.78	U	0.78	U	0.78	U
Methylene Chloride	5	1	U	1	U	1	U	1	U
Tetrachloroethylene (PCE)	**5**	**31**		1.3		0.4	U	**430**	
Trans-1,2-Dichloroethene	5	1	U	1	U	1	U	0.87	J
Trans-1,3-Dichloropropene	NS	0.45	U	0.45	U	0.45	U	0.45	U
Trichloroethylene (TCE)	**5**	1.1		0.28	U	0.28	U	**47**	
Vinyl Chloride	2	0.69	J	1	U	1	U	1	U

Table 7A
521 East Tremont Avenue
Bronx, NY
Post-Remedial Groundwater Sample Analytical Results
Volatile Organic Compounds (VOCs)

	AKRF Sample ID	PMW-X_20260820		PMW-03_20260820		PMW-04S_20260824		PMW-04I_20260824	
	Lab Sample ID	460-358031-2		460-358031-5		460-358335-1		460-358335-2	
	Sample Date	8/20/2026		8/20/2026		8/24/2026		8/24/2026	
	Dilution Factor	1		1		1		1	
	Unit	µg/L		µg/L		µg/L		µg/L	
Compound	**AWQSGVs**	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	0.2	UJ	0.2	UJ	0.2	UJ	0.2	UJ
1,1,2-Trichloroethane	1	0.58	U	0.58	U	0.58	U	0.58	U
1,1-Dichloroethane	5	1	U	1	U	0.86	J	1.2	
1,1-Dichloroethene	5	0.3	J	1	U	0.45	J	0.66	J
1,2-Dichloroethane	0.6	0.3	U	0.3	U	0.3	U	0.3	U
1,2-Dichloropropane	1	0.92	U	0.92	U	0.92	U	0.92	U
Bromodichloromethane	50	0.98	U	0.98	U	0.98	U	0.98	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	1.2		3.5		1	U	1	U
Chloromethane	5	1	U	1	U	1	U	1	U
Cis-1,2-Dichloroethylene	**5**	**310**		1.1		**26**		**19**	
Cis-1,3-Dichloropropene	NS	0.45	U	0.45	U	0.45	U	0.45	U
Dibromochloromethane	50	0.78	U	0.78	U	0.78	U	0.78	U
Methylene Chloride	5	1	U	1	U	1	U	1	U
Tetrachloroethylene (PCE)	**5**	**430**		**19**		**120**		**160**	
Trans-1,2-Dichloroethene	5	0.81	J	1	U	0.45	J	0.68	J
Trans-1,3-Dichloropropene	NS	0.45	U	0.45	U	0.45	U	0.45	U
Trichloroethylene (TCE)	**5**	**49**		0.43		**34**		**53**	
Vinyl Chloride	2	1	U	1	U	1	U	1	U

Table 7A
521 East Tremont Avenue
Bronx, NY
Post-Remedial Groundwater Sample Analytical Results
Volatile Organic Compounds (VOCs)

	AKRF Sample ID	PMW-04D_20260824		FB_20260820		TB_20260820	
	Lab Sample ID	460-358335-3		460-358031-3		460-358031-4	
	Sample Date	8/24/2026		8/20/2026		8/20/2026	
	Dilution Factor	1		1		1	
	Unit	µg/L		µg/L		µg/L	
Compound	**AWQSGVs**	CONC	Q	CONC	Q	CONC	Q
1,1,1-Trichloroethane	5	1	U	1	U	1	U
1,1,2,2-Tetrachloroethane	5	0.2	UJ	0.2	UJ	0.2	UJ
1,1,2-Trichloroethane	1	0.58	U	0.58	U	0.58	U
1,1-Dichloroethane	5	1.2		1	U	1	U
1,1-Dichloroethene	5	0.63	J	1	U	1	U
1,2-Dichloroethane	0.6	0.3	U	0.3	U	0.3	U
1,2-Dichloropropane	1	0.92	U	0.92	U	0.92	U
Bromodichloromethane	50	0.98	U	0.98	U	0.98	U
Carbon Tetrachloride	5	1	U	1	U	1	U
Chlorobenzene	5	1	U	1	U	1	U
Chloroethane	5	1	U	1	U	1	U
Chloroform	7	1	U	1	U	1	U
Chloromethane	5	1	U	1	U	1	U
Cis-1,2-Dichloroethylene	**5**	**20**		1	U	1	U
Cis-1,3-Dichloropropene	NS	0.45	U	0.45	U	0.45	U
Dibromochloromethane	50	0.78	U	0.78	U	0.78	U
Methylene Chloride	5	1	U	1	U	1	U
Tetrachloroethylene (PCE)	**5**	**180**		0.4	U	0.4	U
Trans-1,2-Dichloroethene	5	0.57	J	1	U	1	U
Trans-1,3-Dichloropropene	NS	0.45	U	0.45	U	0.45	U
Trichloroethylene (TCE)	**5**	**56**		0.28	U	0.28	U
Vinyl Chloride	2	1	U	1	U	1	U

Table 7B
521 East Tremont Avenue
Bronx, NY
Post-Remedial Groundwater Sample Analytical Results
Metals

	AKRF Sample ID	PMW-01S_20260821	PMW-01I_20260821	PMW-01D_20260821	PMW-02_20260820	PMW-X_20260820
	Lab Sample ID	460-358144-1	460-358144-2	460-358144-3	460-358031-1	460-358031-2
	Sample Date	8/21/2026	8/21/2026	8/21/2026	8/20/2026	8/20/2026
	Dilution Factor	1	1	1	1	1
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
Compound	**AWQSGVs**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Manganese	**300**	**608**	**756**	199	84.2	92.1
Sodium	**20,000**	**273,000**	**117,000**	6,000	**209,000**	**217,000**

Table 7B
521 East Tremont Avenue
Bronx, NY
Post-Remedial Groundwater Sample Analytical Results
Metals

	AKRF Sample ID	PMW-03_20260820	PMW-04S_20260824	PMW-04I_20260824	PMW-04D_20260824	FB_20260820
	Lab Sample ID	460-358031-5	460-358335-1	460-358335-2	460-358335-3	460-358031-3
	Sample Date	8/20/2026	8/24/2026	8/24/2026	8/24/2026	8/20/2026
	Dilution Factor	1	1	1	1	1
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
Compound	**AWQSGVs**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Manganese	**300**	12.4	**943**	**505**	**449**	8 U
Sodium	**20,000**	**296,000**	**159,000**	**26,700**	**29,300**	500 U

Tables 7A-7B
521 East Tremont Avenue
Bronx, NY
Post-Remedial Groundwater Sample Analytical Results
Notes

DEFINITIONS

J : The concentration given is an estimated value.

NS : No standard.

U : Indicates that the compound was analyzed for, but not detected at or above the reporting limit.

µg/L : micrograms per liter

STANDARDS

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

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

DUPLICATES

PMW-X_20260820 is a blind duplicate of sample PMW-02_20260820.